May 1958 · 35c

Better Homes and Gardens

SPRINGTIME

IDEAS

Garden trends
70 Recipes
Lilac-tulip arrangements

- Scandinavian influence in small house furnishings
- A family room in your attic or basement!
- How well are our teachers being taught?

Average circulation more than 4,500,000

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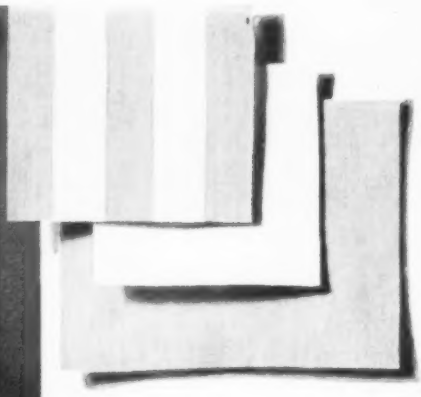
they go on so easily, wear so well, look so lovely!"

It's child's play to make the beds—with Cannon's Ezy-Matic Corners. My fitted percales slip on without mattress lifting, stay tucked and smooth. Sturdy bias tape goes all the way around, for snug fit and long wear. Size is marked in several places, so I find it without unfolding the sheet. And they need never be ironed.



Gay stripes give white sheets a lift—so economically! Cannon Combspun Percales wear extra long, too. They are 186 count—certified colorfast by the American Institute of Laundering. I love their beauty, their smooth touch. And they are cool to sleep on in summertime. I use them to brighten all of our bedrooms.

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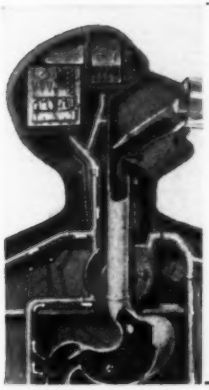
Di-Alminate makes the difference



1. Medical science knows that a pain reliever must get into the blood stream to relieve pain.

2. Bufferin combines aspirin with Di-Alminate (antacid ingredients). These speed the pain reliever out of the stomach and into the blood stream *twice as fast* as aspirin. So...

3. Bufferin acts *twice as fast* as aspirin to relieve pain. And it won't upset your stomach as aspirin often does.

Won't upset your stomach as aspirin often does!

1. All leading pain remedies, including other compounds, rely on aspirin! But...

2. Aspirin without antacid is relatively slow-acting. It is acid and can irritate your stomach.

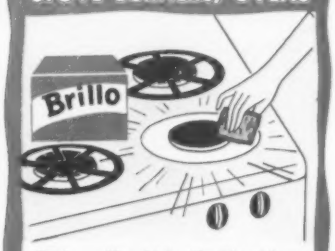
3. Only Bufferin adds to aspirin an exclusive combination of antacids called Di-Alminate. So Bufferin relieves pain twice as fast as aspirin—won't upset your stomach!

ANOTHER FINE PRODUCT
OF BRISTOL-MYERS

If you suffer from the pain of arthritis or rheumatism, ask your physician about Bufferin.

For quick kitchen clean-ups...
new BRILLO soap pads

STOVE BURNERS, OVENS



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Nothing shines aluminum like...

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Better Homes and Gardens®

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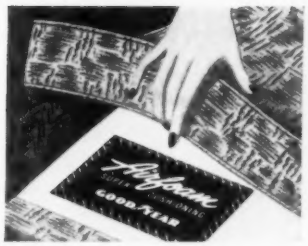

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Cascade eliminates drops that spot!

Washed in another detergent

Washed in CASCADE

Today's improved Cascade contains exclusive Chlorosheen to change drops of water into clear-rinsing "sheets." That's why Youngstown Kitchens puts Cascade in every new machine!

These two glasses show why new, improved Cascade stops spotting as no other detergent can. Cascade's exclusive Chlorosheen changes water *drops* into free-flowing *sheets* . . . leaves everything so slippery-clean, rinse water slides right off. Result: no water drops to dry into ugly spots. And new, improved Cascade dissolves *completely* . . . leaves no dried-on specks for you to wipe off. It gets everything *close-up clean*—cleaner and clearer than any other dishwasher detergent. Switch to new Cascade—now sealed in protective foil.

Youngstown Kitchens

advises you to use Procter & Gamble's Cascade

Youngstown Kitchens Jet-Tower Dishwasher washes, rinses and dries as many as 200 pieces in one load—without pre-rinsing! Booster heater assures piping hot water every time you wash. And exclusive jet-tower, hydro-brush action gives equal-pressure, top-to-bottom washing with 58 whirling jets of booster-heated water. What's more, to *eliminate drops that spot*, Youngstown Kitchens packs Cascade in every new machine.

Every leading dishwasher manufacturer advises you to use Cascade

MAY GARDEN REMINDERS

In all areas

Spray and dust: Insects multiply during spring months. Keep spraying and dusting program in high gear to stay ahead of garden pests.

Plant vegetables: Remember second plantings that will give you succession of crops. They help make every inch of garden space work, too. Include carrots, beets, and beans.

Mulch: Summer's heat is just around the corner. Start spreading mulch around plants to cut way down on watering chores.

Central and East

Lawns: In many areas mowing chores have been going on for several weeks now. Take time out to check the mower for loose nuts, a dull blade, or a dirty oil filter.

Vegetables: Tomato plants can go out at the end of this month, but only if the weather is settled. Eggplant and pepper, too, require warm weather before growth is guaranteed.

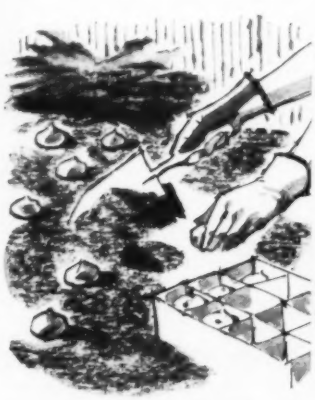
Shrubs and trees: Rose slugs are likely to make their first appearance this month. Look for soft, jellylike bodies or signs that they've been there: skeletonized leaves on rose bushes. To control them, dust or spray with a multipurpose rose preparation.

Annuals, perennials, and bulbs: Where early annuals are beginning to grow, cultivate carefully to avoid damage to tender and shallow roots.

California

Lawns: Your lawn will benefit from a slight application of plant food this month. Water the food in. Where grass grows under trees, go back in about two weeks and feed those portions again. . . . Remember 2,4-D kills dichondra as well as weeds but it's safe used on grass.

Shrubs and trees: Black spot on roses is much easier to prevent than to cure. Keep dusting or spraying on a 10-day basis. Take care to keep rose foliage dry when you water plants late in day. A soaker hose or [*Turn to page 8*



Plant tender bulbs when weather is warm. Include fancyleaf caladiums, gladiolus, dahlias, and cannas. Firm around the bulbs and water.

Feed lawn to thicken it up, help choke out weeds. Apply lawn food right after mowing; long grass interferes with spreader operation.

Now! 3 ways to have unlimited soft water...automatically!

Culligan Soft Water Service. Your Culligan serviceman exchanges this portable water softener at regularly scheduled intervals. No equipment to buy, no work to do. Quickly and easily installed at any convenient location. Over a million satisfied customers!

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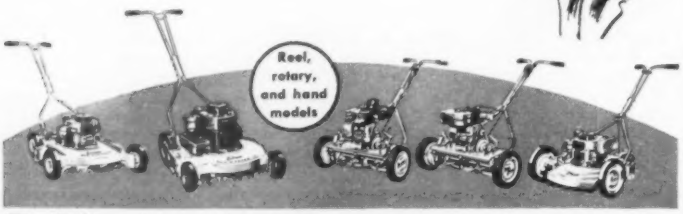


The Eclipse Lawn Mower Co., Division of Buffalo-Eclipse Corporation
5801 Railroad Ave. **Prophetstown, Illinois**

Also manufacturers of Eclipse Wasp Chain Saws

May garden reminders

Begins on page 6

water lance helps to keep water away from plant tops.

Annuals, perennials, and bulbs: House plants given a change of scene and brought outdoors should be placed in shaded nooks. If set right out in direct sun, they stand a good chance of getting a severe sunburn. Step up watering, too, on these plants. . . . Pinch back mums and fuchsias.

Pacific Northwest

Lawns: Lawns fed in February or March will be ready for another feeding toward the end of this month.

Fruits and vegetables: All spraying and dusting chores should be well under way by now. Be exact when mixing sprays. . . . Continue to sow a succession of the earlier vegetables such as carrots, beets, and cabbage. . . . Set out tomato plants only after all danger of frost is gone.

Annuals, perennials, and bulbs: Plant gladiolus corms up to the end of this month. Corms of the same variety will bloom at about the same time, so stagger planting dates if you want a succession of blooms.

South and Southeast

Lawns: This is a good time to lay edgings around borders and beds. They'll make your job much easier in keeping Bermudagrass runners from borders.

Fruits: In the Deep South, thin fruit on overloaded trees. You'll have less fruit left, but the remainders will be of a superior quality. When even thinned trees bend under the weight of fruit, prop up limbs to prevent breaking.

Vegetables: Some of the vegetables set out in April will be setting blossoms now. Give these a side-dressing with a standard plant food. Scratch it into the soil, then water it in. Feed again when fruits have set.

Shrubs and trees: See that evergreens are protected against coming summer heat. Mulch heavily around base.

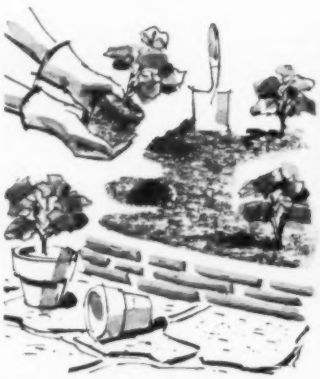
Annuals, perennials, and bulbs: Commercial slug bait or lime scattered over soil around plants will go a long way toward ridding your garden of slug pests.

Texas-Southwest

Lawns: Dieldrin, and chlordane should control most pests in your lawn. Apply periodically for the best results.

Vegetables: Begin now to thin plants sowed earlier in the vegetable garden. One good way to avoid damage to those that are left is to soak the soil thoroughly the day before.

Annuals, perennials, and bulbs: Give tall annuals the benefit of stake supports. Spring winds could topple them.



Buy petunias, geraniums, and other bedding plants to fill planting wells and boxes. Set plants slightly lower than the top of the soil ball.

Water vegetables with an inch of water each time soil surface is dry. You'll pick high-quality vegetables if you water regularly.

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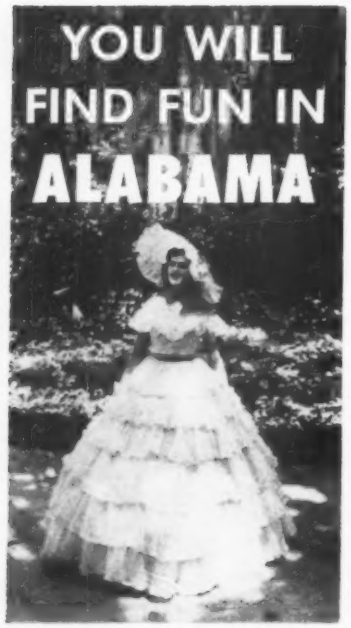

Exotic flowers and Southern belles

Summertime in the charm of the Old South, the heart-of-Dixie State, where livin' is easy. Southern cooking . . . barbecues . . . fish frys . . . hush-puppies. Mountains, seashore . . . 23,000 miles modern highways . . . wayside picnic tables . . . modern motels, hotels and restaurants.

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- *Cathedral Caverns, Rickwood caves.*
- *Alabama Fishing Rodeo, Mobile, July 25, 26, 27.*
- *Ave Maria Grotto, outdoor miniatures of Holy Places.*
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- *Shrimp fleet at Bayou LaBatre. Ocean bridge to Dauphin Island. Vacation beaches at Gulf Shores.*

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GEOFFREY BIRT, *Director*
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Get in the swim—

Here's the big news in prices: Children's size plastic pools have grown, improved for all-family use. Vinyl or vinyl impregnated nylon liners are supported on circular metal frames, which are held in place with steel mesh or aluminum sides. They set up easily on a flat sand base, and can be recessed into a hill on one side. Many sizes are available, one of the largest is shown. COST: 22-foot size, with do-it-yourself labor, about $625.

New developments in less costly swimming pools are good news for you this summer. You'll see more and more pools in modest back yards across the country, north as well as south. They've become a practical addition to the home, adding more value to the house and offering more at-home fun for the whole family. They'll save the cost and fuss of week-end trips to the shore or lake, practically pay for themselves. They come in an amazing variety of sizes, materials, shapes, and prices.

Their increasing popularity has tugged prices down to the level of smaller budgets and back yards. More experienced, efficient contractors are now widely available (check the classified section of phone book), able to offer better-than-ever pool values. Most pools are built with bank financing; your pool contractor will help make arrangements in most cases.

In-the-ground pools are being simplified. You can install some of them yourself after the preliminary foundation work is done. Big above-the-ground pools, which need no excavation, can be brought home in the back of a station wagon, set up easily by the family. (Some of these do not require permanent plumbing installations either.) Newly perfected plastics mean liners and tanks that are durable, attractive, easy to maintain—and you'll get a guarantee saying so.

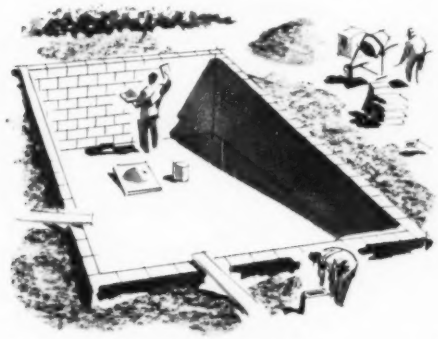
Sizes: The prefabricated pools come in shapes and sizes to suit anyone, or you can design your own for local construction on your site. An excavated pool of 15 by 30 feet is generally the practical minimum. For larger families, or for more serious swimming, 20 by 40 feet gives the needed extra room. Depth is also an important consideration. The shallow end should have some level space for children to play in safety (and can be given a slightly rough-textured bottom for better footing). For diving from the pool's side, a 5-foot depth is necessary. To use a one-meter board (about 3 feet above the water surface) a minimum depth of 8 feet is recommended. Skimping here leads to head banging.

Location: Older pools on large estates hadn't the problems of wandering children (adults, too) that must be considered on suburban-size lots. For safety, it's good practice to keep the entire pool area in view from a [*Turn to page 13*

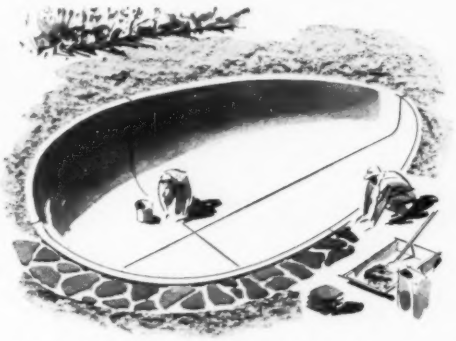
for less–in '58

By John D. Bloodgood

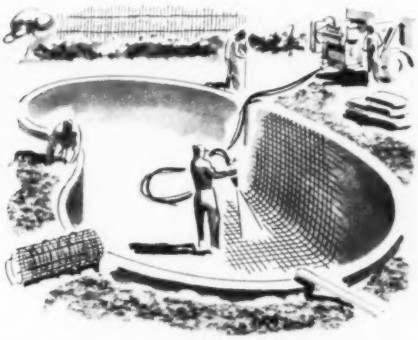
Basic costs of excavated pool types vary with climate, size



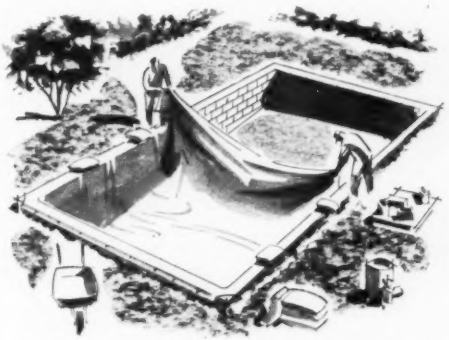
Concrete block: Built like a basement—block is laid up over reinforced foundation, with a concrete floor on base of crushed stone. Sides are backfilled with sand. Two coats of cement-plaster waterproofing required. Repaint every few years. Cost range for 15x30-foot pool, $1,500 to $2,000.



Glass fiber: Shapes are prefabricated in sections or one piece. Usually oval design, now available in rectangles, fancy shapes. Sections joined at site, dropped into place, excavation backfilled, banded in concrete. No maintenance. Cost for 15x30-foot oval pool, approximately $3,000.

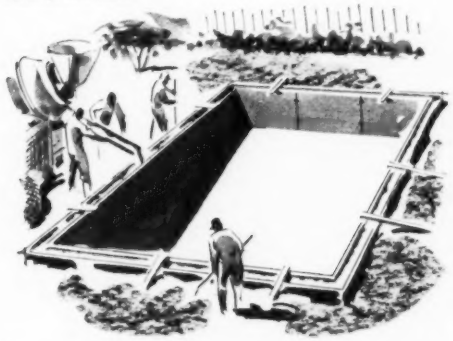


Gunite: Blown spray of concrete over steel wire mesh reinforcing. Makes strong, leakproof, one-piece unit. Free form designs are possible at virtually same cost, since no forms are used. Waterproofing plaster required, but no painting. Cost for 15x30 usual or free-form pool, $3,000.

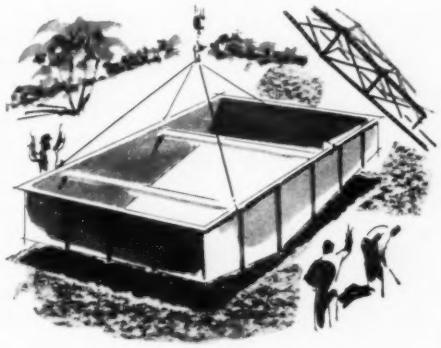


Plastic liner: Built the same as concrete block pool; may or may not have a concrete floor. Instead of waterproofing, vinyl liner is dropped into pool, fastened at edges. Colorful, easy to maintain. Periodic liner replacement required. Cost range for 15x30-foot pool, $1,500 to $2,000.

Drawings: Ken Gunall



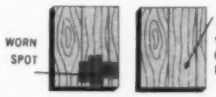
Concrete: There are two common types, precast and job poured. The poured walls or prefabricated sections are joined to reinforced concrete floor. Single unit, floor-wall pools are available too. Joints require careful caulking. Painting required. Cost for 15x30-foot pool, average $3,000.



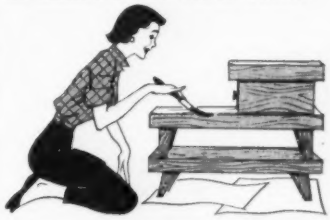
Metal: Prefabricated sections, of aluminum or steel, welded or bolted together on a reinforced concrete floor. Painted in field or factory with vinyl plastic or enamel, or plastic liner may be used. Rectangular or curved sections available. Cost for 15x30 size varies from $1,500 to $4,000.

SEE HOW BULLS-EYE SHELLAC PROTECTS YOUR FLOORS AND FURNITURE!

BULLS EYE PENETRATES AND SEALS! Professionals know this spells protection. BULLS EYE, brushed on following the grain, seals wood pores so dirt can't get in . . . reinforces wood fibers for greatest wear . . . gives your floors a satiny beauty. Two coats dry so quickly floors are out of use only one day.



TOUCH UP WITH BULLS EYE! Worn spots caused by extra-heavy traffic can be touched up without doing over the entire floor! BULLS EYE does not yellow or darken with age . . . so "retouched areas" blend right in with the old. BULLS EYE comes ready to use, without thinning, brushes clean up easily in ammonia and warm water.



BUYING UNFINISHED FURNITURE? Nothing protects . . . brings out the rich natural beauty of wood grain like BULLS EYE – the finest shellac made! Sand your unfinished furniture, then brush on two coats of BULLS EYE for a luxurious, professional-looking finish. Perfect, too, for enhancing the deep lustrous glow of fine old woods and antiques. Simple and safe to use . . . non-toxic and no dangerous fumes.

Helpful Hint: Remember there is a quality difference in shellacs. Specify BULLS EYE.

WRITE TODAY for free, do-it-yourself folders on BULLS EYE SHELLAC and name of your nearest BULLS EYE SHELLAC dealer.

ZINSSER
SINCE 1849

offices and factories at
513 West 58th Street, New York 19, N. Y.
319 N. Western Ave., Chicago 12, Illinois

Fragile ... handle with Johnson's

Skin so delicate, you stroke it in wonder ...
You know that only the finest skin care will do ...
Only the purest powder ...
Only the gentlest oil ...
Only Johnson's.

Get in the swim

Begins on page 10

frequently used room of the house. The pool should be located for family privacy as well, and a few simple fence-screens will provide this seclusion if shrubbery and trees are not adequate. In some localities, zoning restrictions will require surrounding fences for excavated pools; above-the-ground pools form their own fences with their sides. These precautions keep kiddies from falling in accidentally. Your plot plan can be enhanced by the location you choose. Or the pool is a wonderful way to start your landscaping on a planned basis.

Pools should be screened from the wind, especially in more northern climates, so full use can be made whenever the sun is warm. Trees can provide shade for the terrace, but the sun should shine on the water surface a good part of the day to keep it warm.

Filters: Although filter systems are costly at first, they save much water, time, and bad temper. Pools without filters need weekly cleaning. Time is wasted changing the water, scrubbing, then waiting for the sun to rewarm the water. There are portable filters which wheel to the pool when needed, and permanent ones set into a pool-side foundation. Some have quiet motors so they may be put in the basement or garage out of the weather. As an estimate of the size you'll need to do a good job, a 1,500 gal. per hour capacity will maintain a 20 by 40-foot pool. This filter will cost between $200-$400.

The three major types of filters all work well—the choice should be determined by the contractor or other expert. The first two types have a filtering bed through which the water is forced. The impurities are held in the filter agent, which is either backwashed or replaced. Sand or diatomaceous earth are the two filter agents. The third type uses a replaceable cartridge with a cleanable metal screen, and does not require backwashing.

Maintenance: Winter weather is not the threat to pools it used to be since new materials and paints keep wear and tear to the minimum. For freezing climates, pools are kept filled with water to equalize the frost pressure of the earth. Logs or similar materials floated on the surface will break up the expanding force of the surface ice.

Chemical treatment for summer use depends on the filter you're

[*Turn to page 36*

Home Improvement Council Contest

$125,000 in prizes for checking over your home!

HOME IMPROVEMENT MEMBER 1958 Better Your Living COUNCIL

← THIS SEAL identifies a participating member of Home Improvement Council. This is a permanent, nationwide, nonprofit organization composed of leading manufacturers and dealers of home improvement products and services; also contractors, builders, and lending institutions.

The group is dedicated to making America a better place to live, by bettering the homes in which we live. To call attention to this need, and to recognize and reward your part in the effort, Home Improvement Council is sponsoring a "How's Your Home?" Contest running from January 1 to June 30, 1958. Over 1,000 prizes, totaling $125,000, will be awarded.

To enter, you only have to tell what your home needs and why you wish to achieve those changes. Complete rules and Contest Guide can be found in the January, 1958, issue of *Better Homes & Gardens*, page 43. Copies of the rules and guide may also be obtained direct by writing Home Improvement Council, 2 East 54th Street, New York 22, New York.

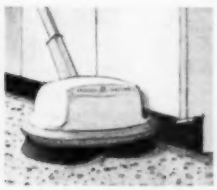
Look for the Council's seal when you shop for home improvement products or services. Firms displaying it are eager to assist you with your improvement projects, and to supply you with the contest guide.

Now give floors that "just done" look—without frequent re-waxing!

Here's a whole new idea in floor care—a General Electric Floor Polisher that brightens all the floors in your house. And it handles as easily as your vacuum cleaner.

All you do is guide your G-E Polisher over scuffed up, dull floors. In no time at all they're agleam again—*without frequent re-waxing!* Here's the easy way to cut down on heavy duty waxing, yet keep floors looking lovely always.

Easy to carry. You'll use this lightweight Floor Polisher all through the house, on wood, tile, linoleum surfaces.



Sweet and low. New modern design gets under low furniture, into hard-to-clean corners. Stores with weight off brushes.

Scrubs, too. Specially designed scrubbing brushes make light work of special care for kitchen or composition floors.

FLOOR POLISHER

The easy-to-use Twin-Brush Polisher complete with scrubbing brushes and buffing pads

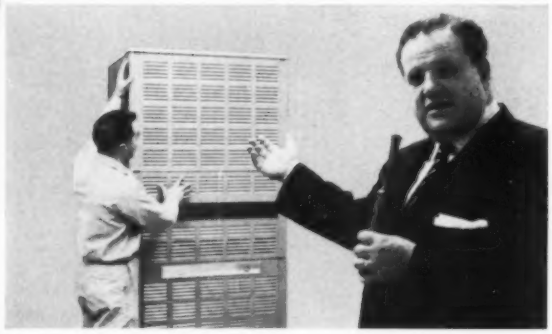
General Electric Company, Vacuum Cleaner Dept., Bridgeport 2, Conn.

Progress Is Our Most Important Product

GENERAL ELECTRIC

"Never before, whole-house air conditioning like the LANDMARK* by LENNOX"

—reports Alex Dreier, NBC's "Man on the Go," about this sensational new advance in all-year comfort



COMFORT COMES BY THE BLOCK in the Landmark! This assembly consists of completely *separate* "blocks of comfort" for cooling, heating, air handling—so your Lennox Comfort Craftsman can set up the perfect comfort combination for your home. *No other system remotely approaches such selectivity!*

IT'S WHOLE-HOUSE AIR CONDITIONING, made-to-measure for your home; never too little for comfort, never too much for health. Just-right cooling in *every* room—not just one or two, as with window conditioners. Perfect winter heating, too. No "comfort compromise," as with factory-assembled units of pre-determined cooling and heating capacities.

IT'S SUPER-QUIET—AND LOOK, NO DRAFTS with a Landmark installed by a Lennox Comfort Craftsman. I gave it my "shirtsleeve test." Sure enough—no noises, no drafts! Proper air handling does it: correct sizing of ducts and registers lets the big, two-speed Lennox blower 'float' air throughout the entire house.

HOT WEATHER AHEAD

Get your Landmark now and get set for summer comfort!

Here at last is the kind of air conditioning you've always wanted, but never could have—till now! Air conditioning sized *precisely* to your home. Air conditioning that fills *every* room with the cleanest, freshest, most comfortable indoor air ever known to man. Air conditioning without dangerous drafts or disturbing noises.

Indeed, the Landmark is so quiet—with its blower mounted on live rubber, its unique straight-line design—that only the comfort it provides tells you it's operating. The Landmark even keeps your home freer of dust and pollen—and housework!—because of its oversize Hammock filter, another Lennox exclusive. And its extreme efficiency means really substantial savings in operating costs!

CALL YOUR LENNOX COMFORT CRAFTSMAN—soon, before hottest weather sets in, so he can serve you promptly. (You may install Landmark cooling now, heating later.) Ask him about a FREE AIR CONDITIONING SURVEY. *His name's in the Yellow Pages; or write the nearest Lennox factory. (The Landmark is also ideal for many commercial installations.)*

LANDMARK by LENNOX

*Trademark

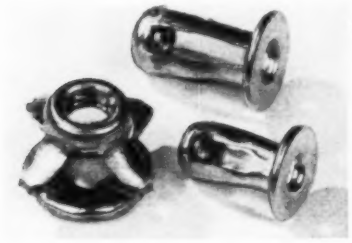
© 1958 Lennox Industries Inc., Heating and Air Conditioning, founded 1895; Marshalltown and Des Moines, Ia.; Syracuse, N. Y.; Columbus, O.; Decatur, Ga.; Ft. Worth; Los Angeles; Salt Lake City. In Canada: Toronto, Montreal, Calgary, Vancouver, Winnipeg.

IT'S NEW

for handymen

With this handy tool, you can bevel edges at almost any angle on hardboard, plywood, and other stock.

By loosening single screw, blade adjusts to angle desired. It's even adjustable for left-handed handymen. Frame of tool is wooden.



← New blind fastener is designed especially for narrow expansion areas such as hollow-core doors, hardboard or plywood over thin furring.

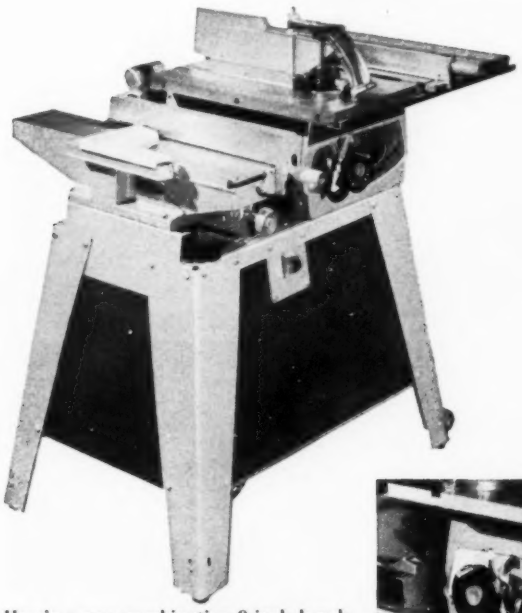
They are available in two sizes: short for fastening to surfaces up to 3/16 inches thick; long for surfaces up to 3/8 inches thick.

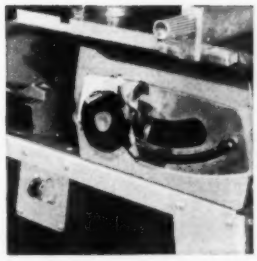
Photographs: Stanley Warren; Hedrich-Blassing

Just one drop of this liquid sealer prevents loosening or loss of nuts, bolts, screws.

It locks all common metals to each other. Even constant vibration won't work them loose, yet they can be quickly removed with tools.

The sealer comes in squeeze bottle for easy application.

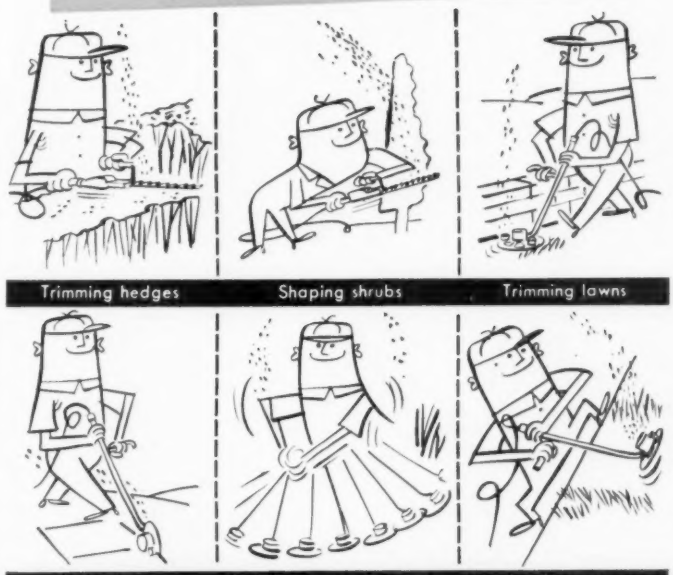




Here's a new combination 9-inch bench saw and 4-inch jointer that's styled especially for the modern workshop. It has clamp-type miter gauge, and single-knob blade control for height and tilt (right).

More on next page

Suddenly you'll *Breeze* through Yard 'n' Garden jobs



with new *Black & Decker*® Yard 'n' Garden Tools

◀ **HEAVY-DUTY**

Hedge 'n' Shrub Trimmer

The professional trimmer at a home-owner price! Shockproof foil-guard handles adjustable to many positions. Power to spare for thick, coarse shrubs and hedges. Balanced one-hand operation. Extra long blade (13"). A real time saver in yard work! *P.S.* There's a Hedge Trimming Attachment ($19.95) for B&D ¼" Utility Drills, too!

COMBINATION

Lawn Trimmer ▶ 'n' Edger

Eliminates all hand trimming around trees, under fences, against walls, along walks. Quick adjustment for double job of trimming or edging. Safety deflector plate, shockproof foil-guard handles, instant-release safety trigger switch. Cuts coarsest grass. Rugged enough for professional use.

Look Under "TOOLS-ELECTRIC" in Yellow Pages

Black & Decker®

Towson 4, Md. World's largest maker of Electric Tools

You can hear its

STRIKING BEAUTY

New DARIEN—a contemporary design, styled to complement modern or traditional decor. Mahogany case, applied brass numerals. Electric or 8-day keywound. 10" high. $55.00*

SOUTHBURY—Colonial reproduction. Gold leaf decorations, scene of Mount Vernon. Mahogany case. 32" high. 8-day. $115.00*

CEYLON—Modern polished solid brass case, sapphire blue metal mirror dial. Raised brass numerals. 5¼" high. 8-day keywound. $45.00*

These Seth Thomas clocks tell you the time with soft musical tones

The melodic strikes of Seth Thomas clocks have brought a warm and friendly sound to the American home for five generations. Let Seth Thomas tell time this beautiful way in your home. Choose from these and other Seth Thomas clocks that strike each hour and half-hour. See and hear them at better jewelry, furniture or department stores everywhere. Or write Seth Thomas, Thomaston 2, Conn. for catalogue of 31 fine clocks. $8.95* to $250.00*.

SETH THOMAS

Masterpieces in Time Since 1813

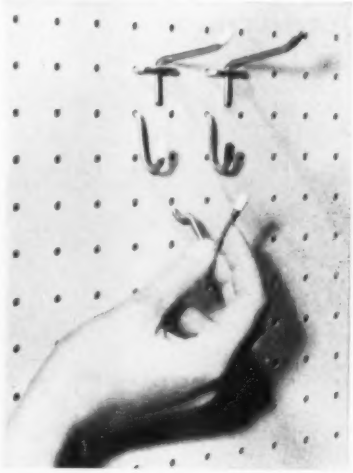
Division of GT *Corporation*

SHARON—Early American beauty in Colonial mahogany finish, delicate floral design. 15½" high. Electric or 8-day keywound. $59.50*

*plus tax

It's new for handymen

Begins on preceding page



These little plastic caps protect the tools and appliances that hang on metal perforated-hardboard hooks.

They're available in a wide range of colors to match or blend into kitchen and utility-room decoration.

Seal out wind, water, dust, and cold from cracks around your windows, door frames, windshields, sinks, and tubs with this rubber material.

It comes in a squeeze bottle with applicator top.

Five colors are available in 2- and 4-ounce sizes. Sealer adheres permanently to any clean, dry surface. If necessary to remove it, you can easily strip it off.

A puff or two of this white powder is all you need to lubricate locks, hinges, zippers, tools, and sports equipment.

You spray the powder directly from the plastic bottle. It's also available in stick form for pinpoint lube jobs.

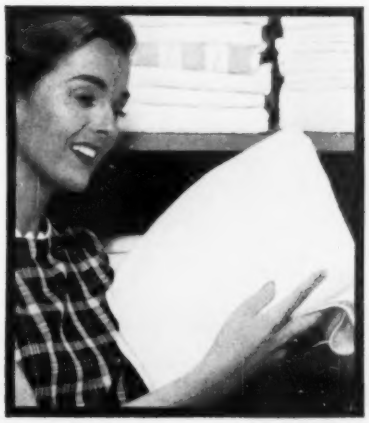
The material penetrates completely. It will not soil your hands or clothing.

Make repairs in rubber, plastic, canvas, and other materials without using patches or hot-type vulcanizing.

This latex rubber in putty form gives you tough, elastic patch in half an hour.

The material is waterproof, rustproof, and nonflammable. You can also use it to form gaskets or washers, or as a regular sealer.

You get a Cleaner Wash with CLOROX®



Whitest and Brightest!

Add Clorox to your washday suds ... *every time*... and you add *extra* cleanliness to your laundry. White cotton, linen, nylon and rayon come out *extra* white—*extra* clean. Colorfast cotton and linen come out *extra* bright—*extra* clean.

Clorox does a better job of bleaching and stain removing than any other type of laundering product. So, if you want the cleanest wash you can get... you want a wash that's *Clorox-clean!*

Safest for Health!

Clorox gives you added health protection, too! No other bleach, no other laundering product, equals Clorox in germ-killing efficiency.

To safeguard your family's health, wash your clothes sanitary-clean with Clorox...*every time!*

© 1958, The Clorox Company

Like music . . .

Sprague & Carleton Maple

The strut of a tuba . . . the whisper of a violin . . . the warmth of music lives forever.

Like beautiful music, the home, too, is everlasting. And the beauty of your home comes from within, from the warmth and hospitality with which the interior expresses the family. That's why maple, since America was born, has been the heart of the home.

That's why Sprague & Carleton . . . America's most beautiful maple, custom crafted for enduring beauty . . . serves so well, families of good taste.

Remember Sprague & Carleton Maple . . . the furniture expressing harmony in your home.

Our free booklets illustrate many room arrangements for maple. Won't you write for yours soon?

Look for this tag, your sign of

AMERICA'S MOST BEAUTIFUL MAPLE . . .
custom crafted for enduring beauty

Sprague & Carleton MAPLE

KEENE, NEW HAMPSHIRE

An entire line for living rooms, dining rooms, and bedrooms.

We like this idea for a

Bedroom-dressing room

Are there morning tie-ups in dressing or washing at your house? This dressing area, with its own lavatory and vanity, offers a solution for new or existing homes.

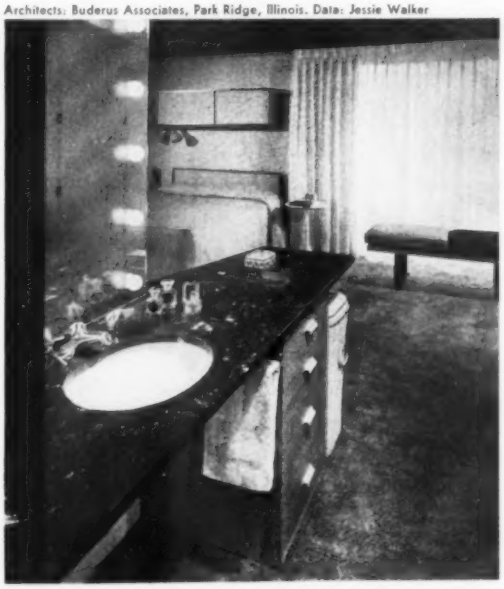
Dressing area is located near a complete bathroom; plumbing connections are simple, inexpensive—much less costly than a new bath. Light fixtures, materials for counter, cabinetry may be varied to fit your budget.

Photographs: Hedrich-Blessing

Dressing area uses little extra space in master bedroom, but adds much in way of convenience. Bath is just beyond, through doorway. Bedroom carpeting (so kind to cold feet!) carries to dressing area.

Roomy "his" and "hers" closets line wall opposite. Shelves and fittings are designed to handle storage of hats, purses, shoes. Owners are the Daniel Petersons, of Winnetka, Illinois.

Architects: Buderus Associates, Park Ridge, Illinois. Data: Jessie Walker



Counter top is black marble; laminated plastic or other easy-to-clean material would serve. Large mirrors, front and left (out of picture), reflect beauty of this dressing area.

Theater-style lighting helps pay for itself by eliminating costly fixtures. Specialty glass shop can prepare mirror for frosted bulbs, inexpensive sockets.

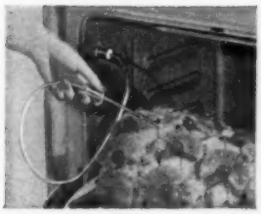
Yes, it's the same kitchen

. . . but the range has been changed!

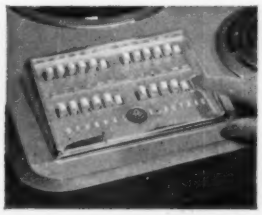
G-E Built-in Ranges can make this wonderful difference in *your* kitchen . . . and without costly remodeling! Oven and cooktop can be installed easily as shown.

New 1958 General Electric Built-in Ranges

Beautiful to look at . . . wonderful to cook on . . . so easy to install!



Roast or broil . . . rare, medium or well-done . . . by dialing your preference! No guessing . . . no timing . . . buzzer tells you when meat is ready.



Pushbutton cooking . . . fast, clean, controlled, with the up-front controls of new drop-in cooktop. Remote control cooktops also available.

Picture-window oven door and pushbutton floodlight let you peek while you bake. 21-inch oven has electric rotisserie; automatic oven timer.

START your kitchen-of-tomorrow . . . today . . . with an easy-to-install G-E Built-in Range! It's the first step toward that modern kitchen you've wanted. And look at these plus features!

• Electric rotisserie • Built-in oven vent • Choice of ovens, cooktops • Canary Yellow, Petal Pink, Woodtone Brown, Turquoise Green, White or Satin Chrome • Easy credit terms for range . . . or complete kitchen modernization.

See your G-E dealer . . . he'll help you choose a model exactly right for your needs. Range Department, General Electric Co., Louisville 1, Ky.

GENERAL ELECTRIC

IT'S FUN TO 'PHONE!

Turn a few minutes into fun by calling a friend or loved one. Whether it's down the street, or across the country, a sunny get-together makes the day a lot brighter. Lonely feelings are laughed away by a cheerful visit by telephone. So treat yourself to a welcome break and just for fun—call someone!

BELL TELEPHONE SYSTEM

Unusual bedspreads you can

Tailor to your taste

By Elizabeth Clemons

Photographs: Weymouth. Decorator: Margaret Hanson

Border-print material, found in any yard-goods department, is used for this bright, colorful flounce. Thirty six inches wide, these personality prints are available in a wide variety of patterns. Cut and hem them to include whatever part of pattern you especially like. Top of spread repeats a color from the print.

The same fabric is used to make a cover for the old, unsightly headboard; print is cut so it's evenly spaced. Padding the headboard gives it a smoother, smarter appearance.

It took just three standard bedspreads to make two tailored slipcovers for this studio-guest room. Through skillful cutting, the stripes from the original spreads form contrasting borders for slipcovers and pillows. Pillow forms are available in many sizes and shapes. Covers are zippered for easy removal. These ideas are from the home of William Burke, Jr., Carmel, California.

NOTHING BOTHERS THE MAN IN THE **BERK-LOCK**

Let the little ones romp and play . . . they can't disturb your man when he's relaxed in a Berk-Lock! This 3-in-1 rocker-recliner-lounge (available with swivel, too), is tops in relaxation and comfort . . . so perfect for reading, chatting, TV, and cat-napping. The whole family will love it! It's low in price, and available in many fine styles and fabrics.

THE **BERKLINE** CORPORATION, MORRISTOWN, TENNESSEE

WORLD'S LARGEST MANUFACTURER OF PLATFORM ROCKERS

SITTING IS BELIEVING

You Get QUALITY and ECONOMY with Sunbeam POWER MOWERS

Gas Power Mowers

Quality-built engines, with automatic recoil starters, give abundant power for any mowing job.

Now, at a NEW LOW PRICE

FREE-WHEELING Rotary

- Lightweight, free-wheeling for easy handling.
- Positive blade drive—full cutting power.
- Staggered wheels—guard against scalping.
- Complete with leaf mulcher.

was $118.50 NOW ONLY $99.95

Slightly more in West and Canada

SELF-PROPELLED Rotary

Choice of speeds and free wheeling

- Higher speeds for normal grass, fast mowing, lower speeds for heavy grass, mulching leaves.
- Free-wheeling makes mowing around trees, shrubs, etc. easy.
- 5 adjustable cutting heights.
- Powerful 2¾ H. P. engine.

Costs More—Worth More

An excellent buy at $149.95

Slightly more in West and Canada

Outstanding ELECTRIC MOWERS

More convenient, lighter weight, easier to use, trouble-free.

ELECTRIC Twin-Blade ROTARY

Easy to use and store. Lightweight, only 29 lbs.

only $84.95

ELECTRIC REEL TYPE

Reel type cutting gives a velvety smooth cut on any grass.

only $119.50

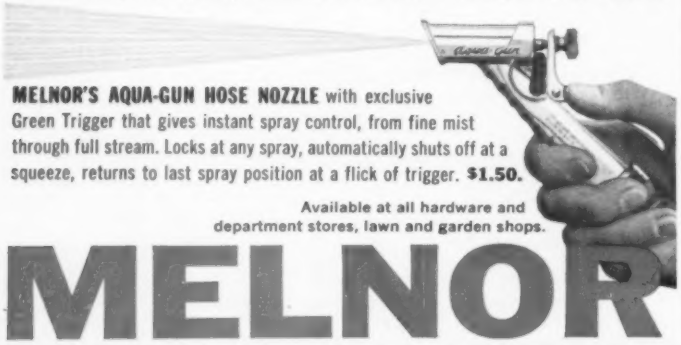
Slightly more in West and Canada

Look for the MARK OF QUALITY Sunbeam

Sunbeam Corporation, Dept. 11, Chicago 50, Ill.; Canada, Toronto 18

MELNOR'S SWINGIN' SPRAY WATERS THE EXACT SHAPE OF YOUR LAWN!

You name it: square lawn, long and narrow lawn area, right up to your house...any area up to 40 x 60 feet with just a single setting. The gentle spray sweeps the area you dial, soaking down deeply to thirsty roots. Melnor's life-giving spray reaches every corner, leaving no dry spots or puddles. For a lawn that turns your neighbors green with envy, get a Melnor Swingin' Spray today! Available in four models starting as low as **$6.50**



MELNOR'S AQUA-GUN HOSE NOZZLE with exclusive Green Trigger that gives instant spray control, from fine mist through full stream. Locks at any spray, automatically shuts off at a squeeze, returns to last spray position at a flick of trigger. **$1.50.**

Available at all hardware and department stores, lawn and garden shops.

MELNOR

If your lawn needs it, Melnor makes it. **MELNOR INDUSTRIES, INC., BROOKLYN 36, N.Y.**

We like this idea . . .

For hanging shelves

Here's a group of bookshelves pulled up by their own bootstraps. The idea is good—and suits many other installations equally well.

The simple support system is ½-inch steel wire with adjustable cable clamps. (Your hardware store can supply them.) Here, they're slung from the underside of the ceiling beams. But support hooks could also be attached to the wall or flat ceiling. Be sure hooks are fastened into structural members for strength.

Decorator: Roger Bullock. Data: Margery Phillips

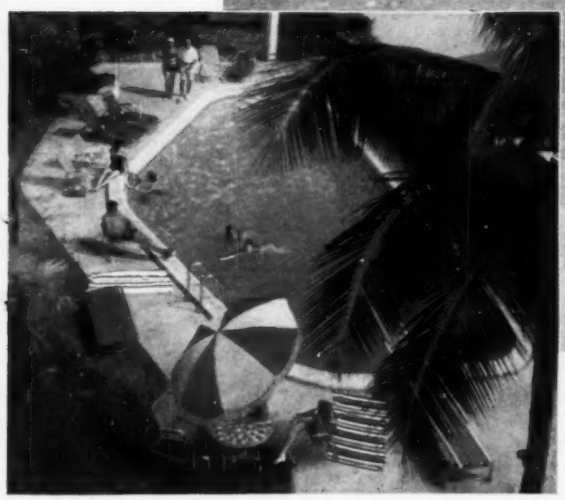
Neat, uncluttered shelf supports keep shelves free of the wall surface. No holes are necessary in the paneling. No long support tracks are needed either. For redecorating or moving, shelves may be dismantled easily to be re-used elsewhere. There will be just two holes to patch, no tracks to leave behind or cover up.

Photographs: Hedrich-Blessing

Cable clamps hold shelves in position, are adjustable to any height. And they're their own bookends, too.

Bottom shelf face hides extra wire coil. Washers prevent shelf marring. Shelf sizes are determined by the load and the span. These are 1½- by 10-inch boards.

INDIAN RIVER REGION—Typical family scene, repeated again and again at the many secluded and uncrowded beaches found in this section.



GULF STREAM COAST—Swimming pools that dot this sun-kissed wonderland plus miles of sandy beaches make the southeast coast unsurpassed for bathing.

Come, soak up some health... swim in Florida waters!

You'll feel wonderful, yet spend no more than ordinary vacations cost

The welcome mat is out all over Florida and fun and health are yours for the taking.

Slip into buoyant salty surf along Florida's sun-drenched shores and feel your mood brighten —your spirits soar. Relax on warm, friendly sands and toast tensions away.

Kindly, beneficial waters are everywhere. In inland Florida, crystal-clear lakes and springs provide the finest bathing, boating, water sports and fishing you'll find anywhere.

You'll see vivid subtropic nature, too. Orchids that grow wild, towering palms, thousands of brilliantly colored flowers—fragrant citrus groves, exotic tropical jungles and lush green shrubs.

Go boating or skiing — or if it's big-game thrillers you're after, you'll find 'em all—tarpon, sail, dolphin and dozens of others—down either coast for miles and miles. And do you know, no point in the state is more than 60 miles from ocean or Gulf!

There is no pleasanter way to rejuvenate than "toning" up in Florida. For all its benefits, you need spend no more than on an ordinary vacation. Now, and all summer through, rates in the most deluxe hotels and motels imaginable, are low as just modest facilities elsewhere.

WEST COAST— Dad makes like a skin diver while family enjoys a boat ride in blue Gulf of Mexico. This area also features snow-white sand beaches.

Florida

YEAR 'ROUND LAND OF GOOD LIVING

CENTRAL FLORIDA—Aquatic star performing in crystal-clear spring near Ocala. Among other exciting spectacles are rodeos and famous citrus groves.

NORTH FLORIDA— Both here, and in Central Florida, transparent springs and lakes with glistening white sand beaches are perfect for family vacation fun.

FREE! NEW 100-PAGE FLORIDA VACATION GUIDE
Most complete Florida guide ever available. Information packed. 143 color illustrations. Maps. Tells what to see, do—all over Florida. MAIL COUPON NOW!

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EXECUTIVES: For full factual story on Florida industrial advantages, write: Development Commission, Dept. T, on your business letterhead.

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SWAN *Nyl-Cord* PLASTIC HOSE
In hot sun for days under full water pressure...
IT WON'T BURST!

Beautiful green plastic cover . . . easy to clean and keep clean!

Smooth, seamless inner tube made of Swan LOW-TEMPERATURE plastic remains soft, flexible, easy to handle when temperature drops to 50 degrees!

Inner tube is reinforced with strong Nylon truck tire cords to prevent swelling or bursting!

50-FT. COILS

NO. 8530 Full 1/2-inch inside diameter ONLY $5.95

NO. 8590 Full 5/8-inch inside diameter ONLY $7.95

NO. 8600 Full 3/4-inch inside diameter ONLY $11.95

SWANSEAL PLASTIC HOSE

50-FT. COILS

NO. 8360 Full 7/16-in. inside diameter ONLY $3.95

NO. 8500 Full 1/2-in. inside diameter ONLY $4.50

NO. 8640 Full 5/8-in. inside diameter ONLY $5.95

NO. 60 Full 3/4-in. inside diameter ONLY $9.50

SWANSEAL is made of Swan LOW-TEMPERATURE plastic. Remains soft, flexible, easy to handle when temperature drops to 50 degrees!

SWAN RUBBER HOSE

Full range of colors and sizes. One and two ply Nylon cord reinforced construction. Won't get stiff in freezing weather!

50-FT. COILS

NO. 8100 Full 5/8-inch inside diameter ONLY $8.95

Other SWAN rubber hose priced from $6.95 up to $13.95

LOOK FOR THIS SWAN DISPLAY...

Your local hardware merchant, department store, lumber yard, or garden supply dealer has a complete line of Swan plastic and rubber hose. They'll be glad to help you select the correct size, type, and color Swan Hose best suited to your needs. See them today!

SWAN RUBBER COMPANY • BUCYRUS, OHIO
World's Largest Manufacturer of Garden Hose

How to grow annuals

Stanley Warren

This is sweet alyssum, a favorite annual edging, that provides flowers from early summer until chrysanthemum time.

Sweet alyssum is one of the few annuals that doesn't need much thinning. Sow it thick, in rich soil, give it plenty of moisture, and it will produce a dense carpet of flowers.

It's easy to underestimate annuals, because they seem too good to be true. Just a few packets of seeds will give you a hundred square feet of rainbow colors, from early July until the first hard frost.

Annuals are dependable, too. Even dumb-thumb gardeners can grow them well their first try—particularly if they buy started plants. Nurserymen and seedsmen across the country supply sturdy young plants in bands and flats, ready to set out where they are needed.

But one precaution: annuals do need sun. Give them a spot where they will get sun at least half of each day. Extra plant food and water help develop strong plants, and are recommended if you want superior results. But plenty of sun is a necessity.

When you make your annual selections, look particularly for the two new 1958 All-America selections: Maytime petunias and Petite marigolds. The Maytime petunia has unique, fringed, salmon-pink flowers, up to four inches across. And the plants are vigorous and compact, seldom growing more than a foot high.

The Petite marigolds are a new dwarf strain that starts blooming early in the season. You'll find them most useful for planting edgings, borders, and plant boxes. The Petite strain is represented by four varieties: Petite Gold, Petite Orange, Petite Yellow, and Petite Harmony. All varieties have double flowers.

More on page 26

Gromme, Mulvin & Priestly, Architects
Robert Pedigo, Designer

"I Let 'Em Shoot It Out...

We Enjoy Peace and Quiet (Almost!) with a Forestone Ceiling!"

Kids will be kids, and whooping and hollering is a necessary part of their busy young lives. And now—without putting a damper on their fun—you can cut 'way down on household noise by installing Forestone* ceilings in your home.

Forestone is a marvelous new acoustical material that makes family living much more peaceful by absorbing up to 70% of the sound that hits it. And it's the first *really* beautiful sound control material ever developed expressly for home use, with a richly textured surface that adds a special dimension of luxury to your rooms.

Sound conditioning your home won't upset the family budget. Forestone costs only about $31 for a 10 x 12 foot ceiling. Your Lumber Dealer will be glad to show your "man of the house" how easy Forestone is to install. Or your Simpson Certified Acoustical Contractor will apply it.

Write for a free full-color folder about Forestone
Simpson, 1001 White Building, Seattle, Washington

RELY ON

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ACOUSTICAL CEILING MATERIAL

*REG. U.S. PAT. OFFICE—U.S. PAT. NO. 2,791,289 AI-811

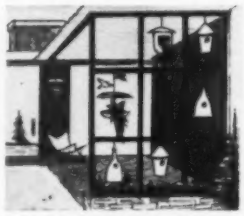
The Finest in Douglas Fir, Western Hemlock and Redwood Lumber; Acoustical, Insulating and Hardboard Products, Paper, Plywoods and Doors

Look what they've done in ceramics!

Designed by John Gilkes

Flite-haven BIRD SHELTERS

Here's breathtaking new beauty in bird shelters . . . created in weather-proof ceramics and styled in the modern manner. TS&T's eye-catching Flite-haven Shelters are scientifically designed to attract feathered songsters to your garden. They have solid brass fittings, and strong, braided Nylon line for hanging. Indoors, Flite-haven creations make unusual planters and decorative conversation-pieces. See them soon at your department, gift, or garden store.



PATIO, TERRACE

RECREATION OR LIVING ROOM

Above, left to right, Wren Lodge, Martin Lodge, Robin Lodge, Canteen.

- **No upkeep . . . easy to clean . . . no painting**
- **Your choice of attractive color combinations**

ZIRCON-HARD GLAZE

Top: **Fascination, Blue Lace**
Bottom: **Pebbleford, Moulin Rouge**

TS & T DINNERWARE Serves You Right!

Fine American decorator-styled dinnerware. Exclusive TS&T Zircon-hard glaze. Oven-proof and detergent-resistant. Guaranteed against checking and crazing.

TST-458-6

The Taylor, Smith & Taylor Co. • East Liverpool, Ohio

How to grow annuals

Begins on page 24

Planting. For the quickest color, buy started plants in bands or flats.

Prepare soil by spading in plant food and raking the surface smooth. Set the plants in trowel holes, then firm soil gently about roots.

Water as soon as practical. If you sow seed, be sure to thin plants to the distances recommended on package.

Feed the new plants a week or two after they're set out. Any balanced fertilizer that is recommended for roses or lawns will give good results.

If you use dry food, keep it off the leaves and water it into the soil immediately.

A second feeding, about a month to six weeks after the first, is usually desirable.

Water all annuals regularly while the plants are small, moistening the top 6 inches of soil each time.

When flowering starts, see that the plants get an inch of water each week.

You can sprinkle, spray, or pour it on with a bucket — but be sure they get it.

If the season is very dry, supplement watering with a mulch to reduce water loss.

Annuals for bedding, borders, and cutting

Name	Height in inches	Suggested uses
Babysbreath	12-24	Border, cut flower, 8 weeks from seed
Candytuft	6-12	Border, edging
Cockscomb	8-40	Border, cut flower, dried flowers
Cosmos	30-48	Border, cut flower, blooms July to frost
Gaillardia	12-24	Border, cut flower, blooms June to frost
Marigold	6-40	Border, cut flower, blooms summer to frost
Morning-glory	8-10 (ft.)	Climbing vine for screening, flowers
Nasturtium	12	Trailing, rambling plant, cut flowers
Pansy	6-12	Edging, rock garden, best before hot weather
Petunia	8-24	Plant boxes, bedding plants, edgings
Phlox	6-12	Borders and beds, blooms summer to frost
Pinks	6-16	Borders, rock garden, cut flowers
Portulaca	6-9	Good groundcover for poor, dry soil
Scarlet sage	10-36	Borders and beds, blooms late summer and fall
Snapdragon	10-36	Borders, cut flowers, best in cool weather
Sweet alyssum	4-10	Edgings, dry walls, blooms to frost
Zinnia	12-36	Borders, beds, cut flowers

2 Wrinkle-Free! No more drip-drying . . . no more hand laundering. This is the only washer and dryer which has a special third cycle for the wrinkle-free laundering of all Wash 'n' Wear garments.

3 No objectionable lint on your clothes with the full-time Built-in Lint Filter. No tray in your way, either. Plus 1199 drainaway openings in the tub that drain soil *away* from clothes, not through them.

4 Even Cold Water Washing. Five wash temperatures, even new, safe Cold Water Wash for shrink-prone woolens, precious cashmeres, delicate synthetics. Means less shrinking and less wrinkling.

1 Automatic Fabric Control. Now washing is so simple even your child can set your washer. So flexible you can wash all your clothes (even those made of Wash 'n' Wear fabrics) with complete safety. Simply dial the fabric you want to wash. Automatic Fabric Control selects correct temperature, speed, time for perfect fabric care. Matching "wrinkle-free" Imperial Mark 12 dryer with Automatic Fabric Control, Wash 'n' Wear Cycle. In white porcelain enamel, white or Decorator colors.

New RCA WHIRLPOOL with Wash 'n' Wear Cycle gives you all four washday benefits

Yes, Ma'am, you can wash anything washable in this completely new, completely automatic RCA WHIRLPOOL—and we mean *anything*.

Here's why you can wash any fabric—even the modern miracle blends—with complete confidence. You have a choice of three cycles—normal for regular wash, gentle for delicate fabrics and a special cycle for Wash 'n' Wears. You also have a choice of five wash temperatures, including new cold water wash. Automatic Fabric Control selects exactly the right combination for perfect fabric care. Washing rayons? Turn the dial to green—that's all you do. Wool? Dial yellow—and the dirt will wash out without damage or doubt. It's the simplest, surest, safest, cleanest washing ever.

See your RCA WHIRLPOOL dealer and prove it to yourself! Do it today.

BETTER HOME APPLIANCES . . . FOR BETTER HOMES

RCA Whirlpool

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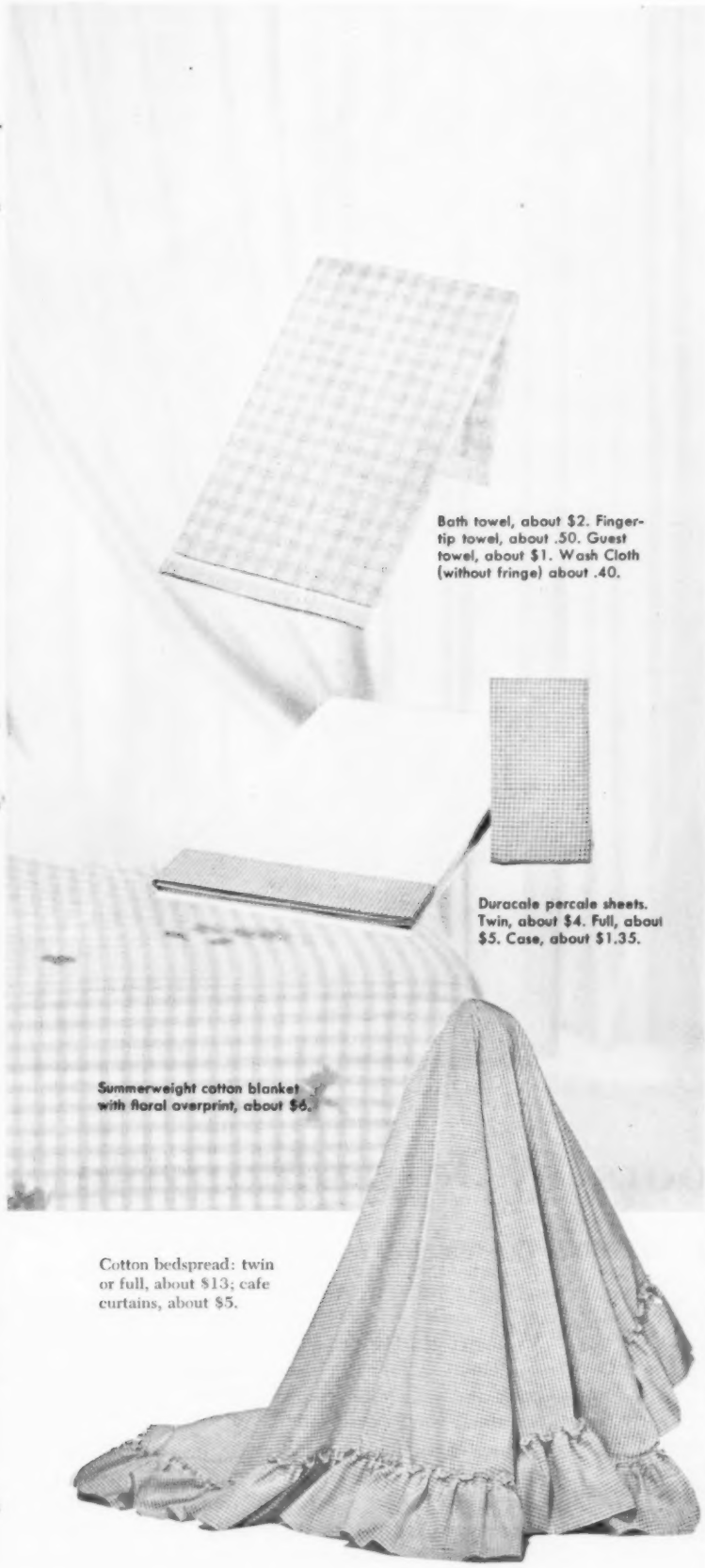
fashionable new checks that blend country charm with city sophistication. The total effect of the complete ensemble is a new decorating fashion for your bedroom and bath: Fieldcrest's exclusive "One Look" . . . *one* wonderful sweep of color through *both* rooms. Ask to see the *complete* collection: sheets, towels, blankets, bedspreads, automatic blankets . . . in shades of Pink, Lemon, Turquoise or Mocha. Many fine stores now have all Fieldcrest Fashions assembled in one place for your shopping convenience.

Gold Crown automatic blanket. Single control: twin, about $25; full, about $30. Dual control: full, about $35; king, about $70. All prices slightly higher in the West.

The newest "ONE LOOK" for Bedroom and Bath



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FASHIONS FOR BED AND BATH

FIELDCREST, 88 WORTH STREET, NEW YORK, N. Y.
A DIVISION OF FIELDCREST MILLS, INC., SPRAY, N. C.

Some new ways to use

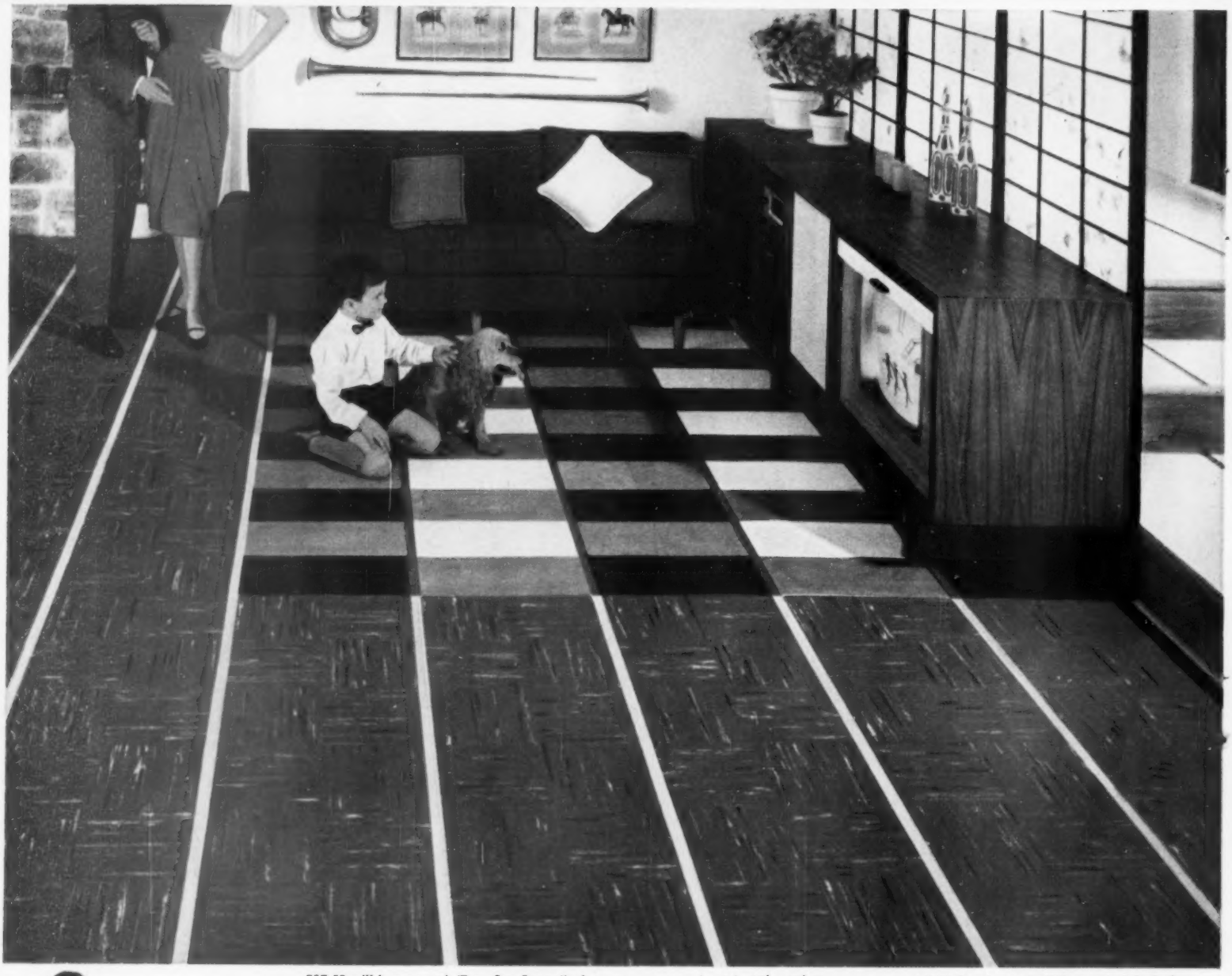
Old colonial chests

Data: Polly Cramer

A handsome, polished old chest serves as an end table next to this comfortable armchair, instead of usual small table. There's plenty of space for a table lamp and other accessories. Busy, efficient homemakers will love the handy storage drawers which are so practical for holding cards, snapshots, and other living room "musts."

Photographs: Hedrich-Blessing

Off-center stacking is a Contemporary idea that's just as effective with old pieces. The small chintz-backed shelf unit, used for displaying accessories, is lined up with left side of the large chest. Mirror and petite pictures balance this off-center placement. Both ideas from A. R. Groenke home, Cincinnati, Ohio.



$37.50 will buy enough Terraflex floor tile for a room approximately 10′ x 15′. See your nearest J-M flooring or building materials dealer.

Fabulous new floors by Johns-Manville

...fun to live with... a cinch to clean... easy to design and install!

New book shows how to design and install your own floor. Mail coupon!

Wouldn't you like the smartest style in floor tile for your home—a floor that's easy to keep shining bright, spick-and-span? It's yours—with Johns-Manville Terraflex® vinyl asbestos tile.

There's a color, a pattern, a style in this long-wearing floor tile for any room in your house. See them in an exciting new book that shows the beautiful marbelized, gay terrazzo and rich cork-type colors. Choose from over 50 patterns illustrated in the book, or design your own distinctive floor.

The new book also shows how easy it is to install Terraflex yourself, with Terraflex adhesive, a brush and scissors. Send for your copy today.

Send 10¢ for "How to Design and Install a Beautiful Floor"
Address Johns-Manville, Dept. G-4, Box 60, New York 16, N. Y.

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JOHNS-MANVILLE

100 YEARS OF QUALITY PRODUCTS . . . 1858–1958

Your '58 guide to air conditioning

One room of air conditioning today could cost you less than $150. Or you might spend $2,000 or more to cool a large house completely. This report covers the whole range of values.

Between $150 and $2,000 you'll find dozens of air conditioners designed to do specific cooling jobs. What kind is best for you? That depends on where you live, the size and style of your house, how cool you want to be, and how much you'd like to spend. This guide will help you choose the type of air conditioning that best fits your family's needs—and budget.

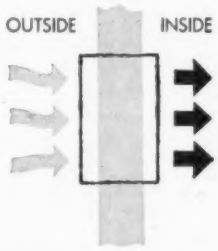
When you shop, the dealer may talk about "tons" or "BTU's." These are measures of cooling power (BTU ratings are now standard). But to match air conditioner size to your room or home, the dealer must know how big an area you want cooled, whether it's insulated or shielded from the sun, and so on. So when you visit the dealer, go armed with room dimensions, window sizes, and similar facts to help him cool *you* best.

Room air conditioners

A very small, portable air conditioner is now available from several manufacturers. Priced under $150, this unit has a top-mounted carrying handle like a portable TV. It combines the mobility of a fan and the cooling comfort of an air conditioner—and plugs in anywhere on normal house current. Set in window (with extenders), it cools a small room; turned front to back, one model also heats the same room. You may use it as a dehumidifier, too. Output is low by today's standards—averaging near 4,000 BTU's (or the old ⅓ ton).

Compact, high-output window conditioners squeeze big cooling power into minimum dimensions. One manufacturer offers three models (rated at 7,000 to 15,500 BTU's) in cabinets less than two feet wide. Another firm has managed to cut the height and depth of one 6,000-BTU model to an amazing 13 inches. You can install most of these units yourself in a few moments. All operate on 115 volts. Prices: $200 to $400.

Permanent wall installation of room air conditioners has been simplified by a special "sleeve" that fits snugly in a hole cut through an outside wall. Conditioner then slides into sleeve, fastens securely with a half-dozen screws. Sleeve may be mounted when house is built, or installed in existing homes with less muss, tighter seal than formerly. Built-in room conditioners free windows for light, view. Installed cost ranges from $275 to $475.



Heat pump (reverse cycle) room air conditioners are new to most makers' lines this year. They not only cool your room in summer, but provide supplementary heating in winter. By reversing the operating cycle, heat can be [*Turn to next page*

..time for Living

Nothing frees your hands quite so beautifully as a KitchenAid dishwasher by Hobart. While you take time for *living*—for family, friends, the worthwhile things—your KitchenAid takes on your clean-up as no other dishwasher can.

For no other offers you the performance features you find in this, the finest made: Racks designed for "can't miss" loading. Hobart's revolving power wash arm that gets your tableware hospital-clean. A separate blower-dryer for that cloudless sparkle you want your dishes to have. All this in a *standard cabinet width*—you're not robbed of precious kitchen space.

Ask your dealer to show you the new KitchenAid. You'll find the model to go with your kitchen, as surely as it goes with your way of life. See the new food preparers and electric coffee mill—they're KitchenAid, too!

See the new KitchenAid! Write The Hobart Manufacturing Co., Troy, Ohio. In Canada: 175 George St., Toronto 2.

..time for a KitchenAid®

The Finest Made...by Hobart

The World's Largest Manufacturer of Food, Kitchen and Dishwashing Machines

NEWEST WAY TO HAVE ICE CUBES A-PLENTY!

Want the newest idea for ice cubes galore? Buy a refrigerator with the new "Magic Touch" Handi-Stor ice cube trays.

Like ice cube magic, just flip the "Magic Touch" Handi-Stor lever and a trayful of hard, dry ice cubes drops into the ice chest. It's so clean and quick—and your hands stay dry.

You always have several trayfuls of ice cubes on hand this new, magic way. The Ice Chest is handy in kitchen, or as a serving accessory. "Magic Touch" trays come in sparkling colors.

Insist on new "Magic Touch" Handi-Stor ice cube trays in the new refrigerator you buy.

INLAND MANUFACTURING "Magic Touch"

HANDI-STOR ICE CUBE TRAY

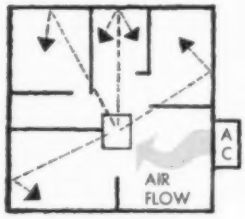
INLAND MANUFACTURING DIVISION • General Motors Corporation, Dayton, Ohio

Your '58 guide to air conditioning

Begins on preceding page

drawn from outside—even when the temperature drops well below freezing. (Outside air is cold, but the unit's refrigerant is much colder; heat moves from wintry air through heat pump into your room.) An automatic defrost cycle prevents icing in cold weather. Prices range between $350 and $500.

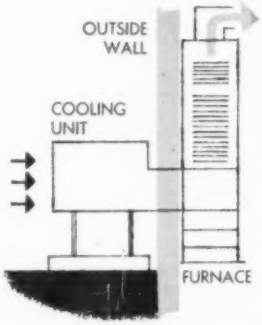
Electrostatic filter may be had on some room units. This device electrically charges air-borne particles coming into your room. A screen carrying an opposite charge attracts them; removes dust, smoke, pollen that often elude standard air conditioner filters. Complete unit, with filter, costs $200 to $500.

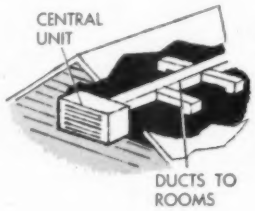


Central air conditioners

Low-cost package is available from a leading pre-fabber for their new houses. For just $350, it provides cool air to one room; furnace fan then draws air into heating system, circulates it with surprising evenness to rest of house.

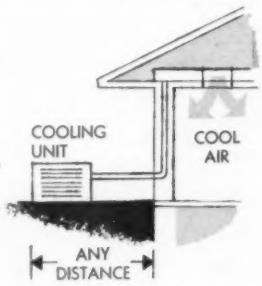
Through-wall central unit is a new idea. Primarily for new homes, conditioner slides through opening in outside wall directly into furnace. You then have year-round cooling, heating. Furnace must be of special design, located near an accessible outside wall. Opening may be covered at first, air conditioning added later. Furnace and air conditioner (small-home size) cost about $1,000.





Attic or crawl-space package is popular for existing homes. It's installed in outside wall of attic, basement, or crawl-space; cool air is carried to rooms by prefabricated glass-fiber ducts. Package takes up almost no usable space. Condenser and blower must be securely mounted in wall to prevent noise or vibration reaching your living areas. Installed cost for this type has been $700 to $1,200.

Remote system has variations, but nearly all place condenser outside house. Sealed tubing brings cooled refrigerant into house; in quiet evaporating section it chills and dehumidifies the air. Evaporating coil may be located in furnace plenum, in attic, or wherever it can be teamed with ductwork and blower. $1,000 to $1,500.



Combination water-and-air cooled system developed by one manufacturer turns out surprising cooling for its size. It uses water to boost air-cooling action on the hot condenser outside. Water film always surrounds copper condenser fins—evaporation greatly lowers refrigerant temperature. Maker says system uses only as much water as would an extra member of family. For small homes, it costs $1,200 to $1,500.

More on page 35

To be truly modern

your home must have TWINDOW

Pella Windows courtesy Rolscreen Company, Pella, Iowa

TWO TYPES OF TWINDOW

TWINDOW—METAL EDGE
for large areas

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INSULATING GLASS

Only when your home is equipped with TWINDOW . . . the windowpane with insulation built in . . . is it *truly modern*. For, look what TWINDOW does for your home: it keeps rooms warmer in winter, cooler in summer; reduces dangerous cold air drafts. It lessens window icing and fogging. It muffles outside noises. It saves on heating and cooling bills. And, since TWINDOW is a storm window in *permanent* form, you no longer have the bother and work of putting up storm windows and taking them down.

There's a great deal more you should know about TWINDOW, so consult your architect or builder. Meanwhile, send for our free book which explains how you can make your home *truly modern* with TWINDOW.

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Without obligation, please send me your free book on TWINDOW . . . the twin-glass windowpane with insulation built in.

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City _____ Zone _____ State _____

If you live in California, Oregon or Washington, send to W. P. Fuller & Co., Room 968, 301 Mission St., San Francisco 19, Calif.

SYMBOL OF SERVICE FOR SEVENTY-FIVE YEARS

75 ANNIVERSARY 1883–1958

PITTSBURGH PLATE GLASS COMPANY

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NOW—SHAMPOO YOUR RUGS STANDING UP!

New Bissell Shampoo Master cleans a 9 x 12 rug professionally in 30 minutes at home. Easy as using a carpet sweeper!

LADY, GET OFF YOUR KNEES! Now Bissell's new Shampoo Master Applicator does all the hard work for you. No stooping. No scrubbing. No messy mop-ups. Your hands never touch the cleaner or the rug!

CLEANS A SQUARE FOOT FOR 1¼¢. Each can of Shampoo Master Liquid Rug Cleaner cleans one-and-a-half 9 x 12 rugs, or 162 square feet of carpeting. The Applicator is sturdily built to last for years—will save hundreds of dollars in cleaning bills.

REMOVES EVERY KIND OF STAIN that professional cleaning can remove. Milk, coffee, soft drink, and greasy food stains disappear with a few easy strokes. Shampoo Master Liquid Rug Cleaner leaves rugs beautifully clean, soft and fluffy.

This is all you have to do: Simply push the Bissell Shampoo Master Applicator over your rug or carpet. A trigger in the handle releases the liquid rug cleaner which sponges deep into the fibers of the rug, removing all soil and stains.

You can actually see the colors brighten as you go! When rug is dry, simply vacuum. Rug is bright and clean and fluffy as new!

Safe for all types of rugs! Can be used on wool, cotton, nylon, rayon, and other synthetics—antique Orientals, too. With the Bissell Shampoo Master method, you can shampoo your rugs every three or four months, to brighten their colors and prolong their life.

Shampoo Master Liquid Rug Cleaner is odorless, nonflammable (stores safely at room temperature), completely nontoxic (harmless to humans and pets). It's the safest rug cleaner ever made!

Guaranteed by Good Housekeeping

Made and guaranteed by the makers of famous Bissell Carpet Sweepers, Grand Rapids 2, Michigan.

INTRODUCTORY OFFER Get can of Shampoo Master Concentrated Liquid Rug Cleaner FREE when you buy the Applicator for **$14.95**

Price slightly higher in Canada

NEW BISSELL SHAMPOO MASTER *Applicator and Liquid Rug Cleaner*

Your '58 guide to air conditioning

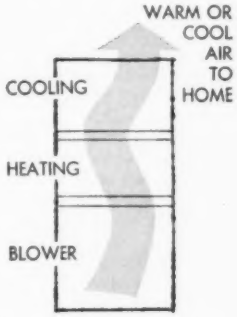
Continued from page 32

Water-cooled air conditioning is not as common as in past years when water supplies were less critical. However, if water and sewage disposal are no problem (and there are no local restrictions), cooling with water may be your best bet. Water cools the air that's circulated by your blower. Operating cost is usually lower than air-cooled types.

Water-chilling conditioner may be installed in new house or added to homes employing "wet" heat (hot water or steam). No air ducts are needed: a water-chiller supplies cold water to individual fan-coil units located in the walls or ceiling of each room. These units may be regulated (manually or by a thermostat) to provide proper cooling. Fan-coils can also heat in winter—replacing conventional radiators. Prices (cooling only) start at $1,000; for complete system, $2,000.

High-humidity areas should welcome a new air conditioner said to end the clammy feeling associated with too-humid, cool air. It's an ordinary air conditioner till house reaches temperature set on thermostat. Then it dehumidifies without cooling to satisfy a special humidistat. $1,500 to $1,800.

All-weather air conditioning is going in many new and some existing homes. Winters, it's a gas or oil-fired furnace: in summer, blower circulates cool air. Drawing shows a new type made up of separate sections for cooling, heating, blower. Advantage: you can order right combination for your house, climate. For average homes, all-weather systems cost $1,500 to $2,200.



Two-story homes often can have dual air conditioners for less cost than a single system. Attic package cools the second floor; basement or crawl-space package handles lower level. No expensive ductwork within living-area walls is necessary.

Central heat pump is practical for home heating and cooling where electric rates are low, temperatures fairly mild. Electric power extracts ("pumps") heat from water or outside air. No hot wires or grids are needed, though heat pump *may* have them to boost capacity in very cold weather. Summer cycle is reverse—heat is expelled (as in ordinary air conditioner) to water or outside air. Prices average $1,800 to $2,200.

More on next page

To cool, you need good wiring!

Be sure to check your wiring when you buy an air conditioner. Many new room conditioners operate on 115-volt house current. BUT some of them draw 12 amps—even more for an instant while starting. This calls for an exclusive circuit to power the air conditioner. Or as a temporary measure, remove all other appliances and lights from the circuit when the unit is running.

If in doubt, investigate the many smaller 115-volt models that draw only 7½ amps or less. You may want to move up to more powerful 230-volt air conditioning, which requires a special, three-wire circuit—the same as an electric range or dryer. And if you plan central air conditioning, consult a reputable dealer or your local power company about the wiring requirements.

In automatic dishwashing, as in everything else, you can expect premium performance only from a premium product. FINISH is such a product. It was developed specifically for people who stress perfection over price. Actually, FINISH costs so little more it's hardly worth mentioning.

Another Famous Product of
ECONOMICS LABORATORY, INC.
250 PARK AVE., NEW YORK, N. Y.

The NEXT most-important "gold band" in your life!

IT'S MIRRO gold band WATERLESS COOKWARE
THE FINEST ALUMINUM

"With this ring I thee wed," was the never-to-be-forgotten formula that brought you your *first* most-important "gold band." Now, bringing added pleasure and purpose, comes MIRRO Waterless Cookware . . . so distinctively known by its brilliant "gold band" on each knob.

With these practical pieces, of thick, food-friendly aluminum, you'll do robust, hearty meals the waterless way . . . no old-fashioned drowning of food flavors in too much water. And, between meals, you'll proudly display your precious new pots and pans for all the world to see . . . sure signs that you've earned the degree of "Graduate Wife"! Just say "MIRRO Gold Band Waterless Cookware, please."

Dependable FUEL SAVER in cover signals when to turn heat low, saving fuel and avoiding shrinkage. Unique cover closure forms a tight Vapor-Seal, retaining minerals and vitamins.

your best buy...

Guaranteed by Good Housekeeping

MIRRO
THE FINEST ALUMINUM

Covered Fry Pan 10½" $6.95 | Combination Pan 3-qt. $7.25 | Dutch Oven 5-qt. $7.25 | Strainer Pan 3-qt. $5.95 | Sauce Pan 1-qt. $3.95 2-qt. $5.25 | Matching Percolator 6-cup $4.95 8-cup $5.45

Prices slightly higher in West.

Your '58 guide to air conditioning

Continued from preceding page

Air conditioning accessories

Electrostatic filtering device for addition to central air conditioners may be obtained from several manufacturers. An electric charge attracts dirt and pollen particles as small as 1/100,000th of an inch. Users say the filter almost eliminates furniture dust, keeps the house amazingly clean winter and summer. One model sells for $189 plus installation.

Washable filters of plastic or aluminum may be cut to any desired size for room or central air conditioners. You can clean them in running water and a mild detergent. How do you know when a filter is dirty? One room conditioner displays a red light when dirt has clogged its filter.

Glass-fiber ducts are now prefabricated for easy installation. Lighter and less costly than metal, they are rustproof, moisture-resistant, less subject to "rattle."

Heating-cooling thermostat provides automatic control over your all-weather air conditioner—even if heating *and* cooling are needed during the same day. Just set it for your family's comfort range (usually 72-78 degrees); thermostat controls furnace or air conditioner operation to keep the temperature within these limits.

Get in the swim

Continued from page 13

using. Alum is required for purifying the water; soda ash is added to neutralize the alum. Testing kits are valuable to keep the water at a healthy level, and some health departments require frequent checking. Without any filter, you'll want to keep a close check on swimmers' cleanliness and good health.

Extras: There are interesting new plastic dome buildings to make your pool useable all year round, no matter the climate. Some are now available, others are coming soon. They are heated along with the pool water, and kept inflated by low air pressure. They're made in different colors, transparent and translucent, and cost about $1.50 per square foot of area enclosed. For a 15x30-foot pool, a 20x40-foot building would cost $1,200.

Heated water for your pool will also increase its usefulness to a much longer season. Installation is quite simple; however, a powerful water heater is needed. It will add between $500-$800 to cost, depending on pool size and depth. Fuel bills are also costly—they'll run from $15 to $40 a month even in a moderate climate.

Pool covers are also available for winter protection. They keep children and pets from falling in accidentally, and prevent leaves and debris from collecting in the water to stain the pool.

BUYING AN OUTBOARD MOTOR?

Boat and uses	Motor Recommended	Price Range FOB Factory
Eight- to 10-foot fishing boats, dinghies, and canoes. Auxiliary power for small sailboats. Second motor for fishing from larger boats.	1.7 to 5 hp	$90 to $160
Ten- to 16-foot fishing and utility boats on smaller water. Hunting boats. Auxiliary power for sailboats.	5 to 7 hp	$170 to $250
Fourteen- to 18-foot fishing and utility boats on large lakes and less protected water. Light runabouts.	7 to 12 hp	$240 to $360
Large fishing and utility boats carrying several passengers. Medium (14- to 18-foot) runabouts. Minimum for water skiing. Ideal for dual installations for heavier craft or on houseboats.	12 to 20 hp	$340 to $475
Water skiing. Large runabouts over 14 feet, and light cruisers and houseboats. Utility and commercial uses. Fishing boats on open water and larger streams. Double installations for most cruisers, houseboats, and larger runabouts.	20 to 30 hp	$400 to $600
Multiple skiers. Large cruisers, houseboats, and runabouts. Heavy commercial and utility boats. Double installations for largest outboard craft. Single and double installations for racing boats.	Over 30 hp	$450 to $960

The rich, textured surface of Cushiontone ceiling tiles adds a luxury look to any room.

This amazing new Armstrong Ceiling soaks up noise and gives your home today's smart new look

ADD THE COMFORT OF QUIET TO ANY ROOM. The beautiful texture of this new Armstrong Cushiontone Ceiling absorbs up to 75% of the noise that strikes it—the jangling of telephones, the whine of appliances, and the shouts of children.

PUT UP CUSHIONTONE YOURSELF THIS WEEKEND. It's quick and easy to cover old cracked ceilings with Cushiontone. Your lumber or building materials dealer will show you how, or call your Armstrong Acoustical Contractor. He's in the Yellow Pages.

THE NICEST THING about the new Armstrong Cushiontone ceiling tile you see in our picture is that it keeps a home blissfully *quiet!*

The tiny openings in the textured surface soak up noise the way a sponge soaks up water.

Another wonderful thing about Cushiontone is that its smart new textured design makes any room *look* more attractive.

For free booklet that tells you how to install Cushiontone, write to Armstrong Cork Company, 5805 Farnum Street, Lancaster, Pa.

Armstrong CEILINGS

...to quiet and beautify your home

HOTPOINT WASHERS, AND MATCHING ELECTRIC DRYERS, ARE STYLED IN FOUR ALL-PORCELAIN COLORTONES OR WHITE

HOTPOINT WONDERINSE WASHER

RINSES ALL FABRICS SOFTER AUTOMATICALLY

Just touch a button before you start your Hotpoint Washer. A proven liquid fabric-softener is added automatically to the final rinse. *Only Hotpoint gives you this fabric-softening rinse automatically.* No need to stop the washer. Nothing to pour in for each new load. Set it—forget it!

You feel the difference in all fabrics, because exclusive Hotpoint WONDERINSE automatically conditions the rinse water. Load after load, your clothes come out rinsed so much softer . . . so much easier to iron . . . and they wear longer.

Continuously filtered water, throughout *both* wash and rinse, keeps clothes lint-free every step of the way. Two-cycle convenience, color-lighted pushbutton pre-selection of six wash/rinse water temperature combinations, all porcelain inside and out. See this years-ahead Hotpoint Automatic Washer with exclusive WONDERINSE . . . soon.

Now you rinse-in newness! Fill the WONDERINSE reservoir once, wash for up to two weeks without refilling.

Full-time lint filter is built in, has no bulky pans. Traps lint throughout wash and rinse, works continuously.

LOOK FOR THAT HOTPOINT DIFFERENCE

Hotpoint

LIVE BETTER ELECTRICALLY

HOTPOINT CO. (A Division of General Electric Company), Chicago 44

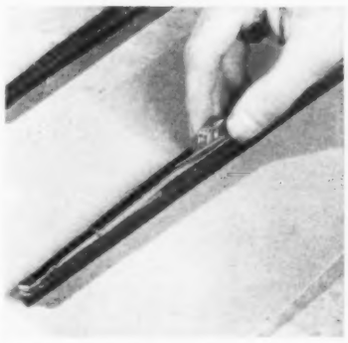
HOW-TO

for the handyman®

Tablespoon tray keeps small parts corralled while you are working with them.

The trick here is to bend handle for tension. It acts as a spring clip so you can slip the spoon over the edge of your workbench or on top of any size stepladder.

Bil Toman
Palatine, Ill.



Renew the windshield wiper blades that no longer wipe clean by giving them this sandpaper treatment.

Lay abrasive on flat surface; run blades lightly across surface lengthwise.

When you're finished, edge should be straight, square, and free from grease.

Donald Spichuk
Brooklyn, N.Y.

Photographs: Stanley Warren; Burgess; Toman; Hand

When "flycutter" bits sit and spin in holes in thick or green stock, try rotating drill in *tight* circle.

Although this enlarges hole slightly, cutting edges will twist into action and chew their way on through.

To stop splintering when bit penetrates stock, C-clamp piece of scrap lumber to the back of the stock.

Dwight West
Seattle, Wash.

Extra sawhorses are as near as your stepladder.

Pull it open about halfway, and center stock between the top and the bottom.

Although the bearing surface will be a bit unlevel and low, it lets you complete small sawing jobs in an emergency.

H. Wright
New York, N.Y.

More on page 41

POWER MOW

WITH A *Swept-Line*

Homko

The Thunderbird
22" Self-Propelled Rotary with 2-speed transmission

For effortless lawn care at its best, power mow with the Homko Thunderbird. No pushing—just operate fingertip controls and steer. Has HIGH, LOW transmission for normal and heavy mowing. All steel quality construction. Side discharge. Exclusive Flexor Blade prevents drive shaft damage. Briggs & Stratton 2¾ h.p. engine.

Write today for free full color booklet on complete Homko Line.

WESTERN TOOL & STAMPING CO., DEPT. B-37 2725 Second Avenue, Des Moines 13, Iowa
world's largest producer of Power Lawn Mowers

To remove dirt and grime like magic
Reach for "Flower-Fresh"
RENUZIT*

*Try Renuzit's
Spot Remover
Gril-Lite
Fragrant
Shoe Shine

Beautiful because of texture and surface
Luxurious because of softness
Quiet because of noise absorption
Cool or Warm because of insulation

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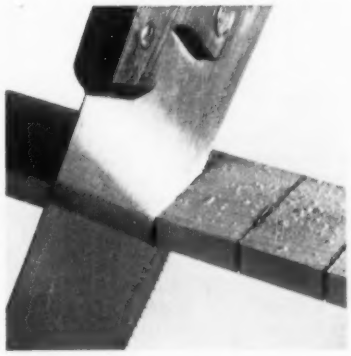
WALL COVERING

CURON* *is a proven product of Curtiss-Wright Research at Quehanna, Pennsylvania. Why don't you decorate a bedroom, living room or music room with* CURON? *Its acoustical, thermal and decorative properties will delight you. As an exclusive service to interior decorators, Curtiss-Wright is prepared to provide* CURON *for walls, ceilings, furniture, etc., in special and exclusive patterns, surfaces and designs. Write Section 12, Curtiss-Wright Corporation, 50 Rockefeller Plaza, New York 20, for literature.* *CURON *is a trademark of Curtiss-Wright.*

How-to for the handyman

Begins on page 39



Resharpening may be necessary if your handsaw runs off the line continually.

First check to see if the error is always in the same direction. If it is, chances are saw has hit nail on one side, dulling it unequally.

This causes blade to run in direction of sharp side.

Jackson Hand
Westport, Conn.

To keep tools handy while you're working on stepladder, try slipping them under strip or two of rubber cut from old automobile inner tube.

Another way: Drill small holes around the edge of top to accept screwdrivers, pliers, and other tools.

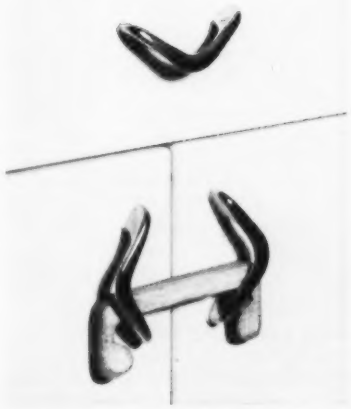
John Shabunienich
Coxsackie, New York

Starting screws in tough-to-get-at spots is always a problem when you don't have a screw-starting 'driver.

Next time try rubbing screwhead across a lump of beeswax so slot is filled.

The wax will hold screw to tip of the 'driver until the threads catch.

Joseph W. Giblin
Mill Valley, Calif.



Junior explorers, who like to examine the contents of kitchen base cabinets, will be in school before they figure how this lock works.

It's simply a C-shaped bar, jigsawed out of scrap lumber or ½-inch plywood.

A flick of Mom's wrist unhooks it; it hangs on one cabinet pull until it is replaced.

Ajon Farber
Omaha, Nebr.

More on next page

Another family crisis solved...

Anchor Fence®

Protects children, pets, property

Situation look familiar? Then let us show you how a genuine Anchor Fence can protect your garden and keep your youngsters playing happily *at home*. Makes it easier for you to relax because it protects your children and pets from intruders and traffic. Look for Anchor's exclusive features: handsome square frame gates—square corner posts designed for beauty and strength. Anchor Chain Link Fence is "zinc-clad" *after* weaving, stays good looking year after year. Consult your phone directory and call your local Anchor man for free estimate, or write for free folder to ANCHOR FENCE, 7705 Eastern Ave., Baltimore 24, Md.

Plants in: Baltimore, Md.; Houston, Texas; and Whittier, California.
Sold direct from Factory Branches and Warehouses in all principal cities

not 10 plants for $7.50 but 10 PLANTS for only $2

A THRILLING HORTICULTURAL DEVELOPMENT BRINGS YOU STERN'S SPECIALLY-GROWN, DOUBLE-FLOWERING

JEWEL-TONE* MUMS

GENUINE CUSHION

AT 73% SAVINGS

Not The Usual Old "Clumps", But Young, Freshly-Rooted Plants That Grow Like Fury! Grow with such vigor, in one growing season, they reach, even surpass "clumps" in size, beauty, bloom! Unlike older "clumps" that have often passed their peak of development before you set them in your garden and don't live through winter, ours establish themselves at once—thrive for years!

These Are The Mums Used By Commercial Growers—now yours, at huge savings! Produce great compact masses of bloom 2 ft. or more wide, yet only 12" high. Every garden has room for them—even the small space in front of evergreens is enough. Each lovely bloom is big as a silver dollar, and double flowered, with rows of slender petals.

Plant Now—In 100 Days Thousands Of Flowers—Or Keep Plants, Free! Our specially-grown Cushion Mums have already brought glorious results to thousands of our customers. This is the only season to plant. They'll bloom in about 100 days. You must be delighted or we'll send free replacement or full refund. Don't even return plants. Keep them free!

Easy To Grow—So Hardy They Laugh At Early Frost! Flourish in any garden soil. Even when neglected, never get out of hand. Bloom continuously 8-10 weeks. Thrive even after first frosts, when all else is finished. You'll have armfuls for color indoors—masses of Mums to surround your house with beauty!

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Stern's Nurseries FIELD B, GENEVA, NEW YORK

SPECIALISTS IN RARE AND CHOICE TREES, PLANTS AND FLOWERS

FOR BUSHELS OF MUMS IN 100 DAYS, MAIL THIS COUPON TODAY!

Note Big Savings!
Stern's Specially-Grown Freshly-Rooted Plants Mixed Color Assortments
Red • Pink • Bronze White • Yellow
10—$2 *(Save $5.50)*
20—$4 *(Save $11)*
30—$6 *(Save $16.50)*
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Prices Postpaid—Send Check Or Money Order. Easy planting instructions with order.

STERN'S NURSERIES, FIELD B, GENEVA, NEW YORK
Rush the Cushion Mum plants I check below. I must be delighted—or I get free replacement or my money back—and keep plants I'm ordering now, free!
MIXED 5-COLOR ASSORTMENTS
☐ 10—$2 ☐ 20—$4 ☐ 30—$6 ☐ 50—$10
All prices postpaid
Check or Money Order enclosed for total: $_____
Name.....
Address.....
City.....State.....

How-to for the handyman

Continued from preceding page

Kink-free bends in small diameters of copper tubing are easy to get this way:

Thread tubing through a short length of BX conduit. Outside diameter of pipe should match inside diameter of BX closely.

Make bend you want; unravel conduit with pliers.

Earl Bennethum
Reading, Pa.

Cover shanks of cold chisels, star drills, and other "handleless" tools with hose when hammering.

The rubber protects hands from the "sting" produced when you strike the tool.

Also, keep the tool head as flat as possible, and use a heavy hammer with a broad face for striking.

Harry C. Wilson
Kalamazoo, Michigan.

Clean rollers used in oil paints this easy way:

First, run the roller over a section of newspaper folded lengthwise. Roll paint out, then fold paper over, exposing a new sheet.

Soak roller in paint thinner; continue rolling and folding till it's clean.

R. S. Croom
Norfolk, Va.

Safe holder for your hot soldering iron is quick to fabricate from a discarded adhesive-tape spool.

Bend the sides flat on one side of the spool.

With tinsnips, cut matching notches on the opposite side, as shown.

Jack A. Anderson
Ferndale, Mich.

▶ Send your original handyman tips (photographs are not necessary) to Home Maintenance Editor, 6705 Meredith Building, Des Moines 3, Iowa. For each accepted, *Better Homes & Gardens* will pay $5. All will be considered carefully, but those which are not accepted cannot be returned.

Give a Westclox – and it will repeat your good wishes every minute of every hour of every day. You can depend on it.

Time for wedding bells! We suggest "Frill" decorative wall clock for a truly appreciated gift. Graceful petal design, gleaming brass finish. Adds charm to any room. **$9.98**. Available also in wrought iron, at **$8.98**.

DEPENDABLE *as the day is long*

WESTCLOX®

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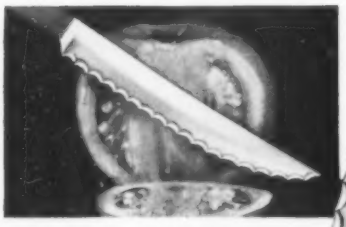
Prices quoted for U.S.A. only, do not include tax and are subject to change.

ANNOUNCING THE

first new kind of knife in your lifetime

FLINT® Waverly Edge



MAKES THE HARDEST CUTTING JOB EASY

STAYS SHARP FROM YEAR TO YEAR

The new Flint Waverly Edge is not a serrated knife. It's a brand new kind of stainless steel, hollow ground *scalloped* edge that stays sharp from year to year . . . makes the hardest cutting job easy. Cuts everything from frozen foods to a paper-thin tomato slice without losing a drop of juice.

The new Flint Waverly Edge is the first new kind of knife in your lifetime. Even the handles are special—famous Pakkawood* that won't chip, burn, or stain. They keep their hand-polished lustre for a lifetime.

Try just one—and you'll agree that for yourself or for a gift—if you want to give pleasure, give Flint Waverly Edge Cutlery.

© 1958 Ekco Products Company

All these Flint knives now available with new Waverly Edge STAINLESS STEEL BLADES . . . PAKKAWOOD* HANDLES

*T.M. Adams Plastic Co.

EKCO®

. . . the greatest name in housewares

It's NEWS to me!®

Refreshing drinks are whipped up in this beverage mixer as fast as your thirsty crowd can down 'em. Whirling at 15,000 revolutions per minute, the flared turbo-blades not only mix a wide variety of drinks but turn out smooth soups, sauces, or salad dressings. Really a party portable, it is as handy as your electrical outlet. Decorator hues are flame red, skipper blue, curry yellow, antique white, charcoal.

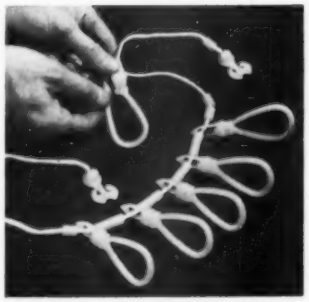
Drink Mixer, $24.95, in stores. Waring Products Corp., 25 W. 43rd St., New York 36, N.Y.

Works overtime. Lawn spreader converts into a light garden cart you can use for many chores. Saves you time because it broadcasts your seed or fertilizer over such a wide strip—a full 36 inches wide with plenty of overlap on each side. It lets you get a uniform application, even in hard-to-reach places. The wheelbarrow design makes guiding easy over rough areas and slopes. It has positive control for application rates. Holds up to 50 lbs.

Lawn Spreader-Cart, $23.95, in stores. Northrup, King and Co., 1500 Jackson St., N. E., Minneapolis, Minn.

Convert water faucet in bathroom, kitchen, or workshop into a drinking fountain, too. Such a sanitary substitute for the glass that everybody uses! You merely flip the lever to use the faucet normally or as a drinking fountain. Attachment easily screws on most aerator-type faucets. It takes no more space than ordinary aerator. Chrome finish matches fixtures.

Fountainette, $5.95, in hardware stores or plumbing shops. Haws Drinking Faucet Co., 4th and Page St., Berkeley 10, Calif.



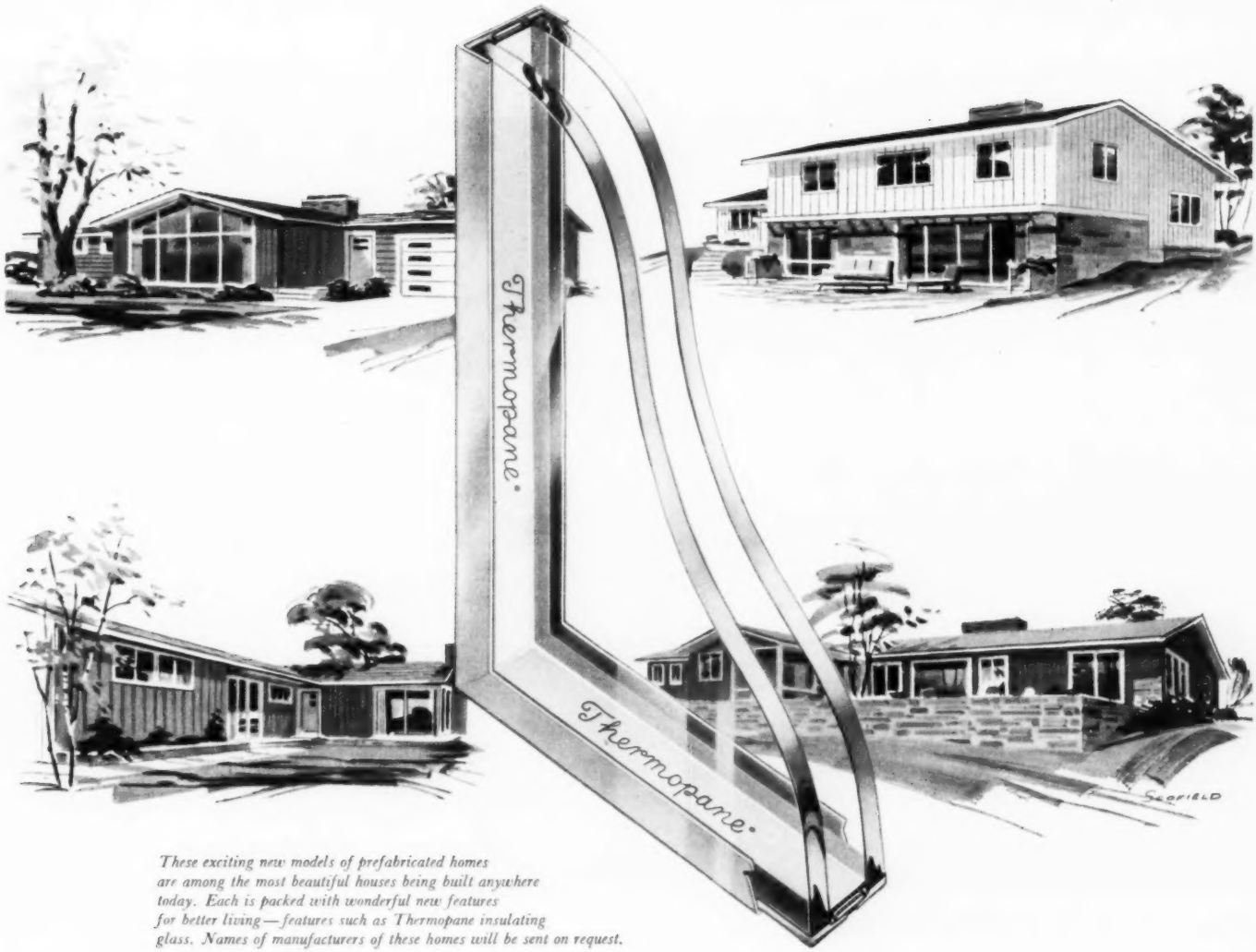
No rust or rot will plague you with this all-nylon fish stringer. Each clip has a positive lock so fish can't pull off and get away. With this stringer you can hook a fish through *both* lips, enabling him to keep on breathing. Remaining clips can be locked on the cord to keep them within easy reach. Six-clip string holds 500 pounds.

Nylon Fish Stringer, $1.50, in sporting goods stores. Lewis E. Hamel Co., Inc., 24 Browncroft Blvd., Rochester 9, N.Y.

A throw-away, all-plastic cup in the familiar cup shape is good news to picnickers, campers, or to anyone wishing to serve hot beverages to a crowd without cups to wash afterwards. Folding handles lock in slip-proof grooves. Handle, lip of cup stay cool to the touch. Choose pink, aqua, yellow, ivory.

Hot Cup (15 per package) 29c, in stores. Federal Tool Corp., 3600 W. Pratt Blvd., Chicago, Ill.

More NEWS on page 47



These exciting new models of prefabricated homes are among the most beautiful houses being built anywhere today. Each is packed with wonderful new features for better living—features such as Thermopane insulating glass. Names of manufacturers of these homes will be sent on request.

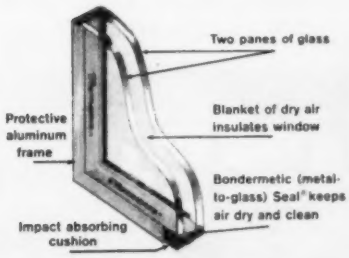
BETTER YOUR LIVING in a new home built with products like *Thermopane*®

Now's the time to buy a new home! When you look at the exciting 1958 models, you'll see how much you're missing.

Today's good houses—at all price levels—are better planned! Better built! More economical to maintain! They offer much easier, more pleasant and comfortable living. That's because builders are using advanced building materials, like *Thermopane* insulating glass!

Builders know that without windows of *Thermopane* a house is only *partially* insulated. It will be cooler in winter—harder to heat; hotter in summer—harder to keep cool. *Thermopane* cuts heating and cooling costs. Keeps you more comfortable year 'round. *Thermopane* protects you from drafts. Cuts down fogging and frosting. And you can forget storm sash.

This week end, plan to visit the model homes on display in your community. You'll discover outstanding models like those shown above. Write for a beautifully illustrated booklet describing *Thermopane* and what it can do for you. Only 10c. Dept. 658, Libbey·Owens·Ford Glass Company, 608 Madison Avenue, Toledo 3, Ohio.

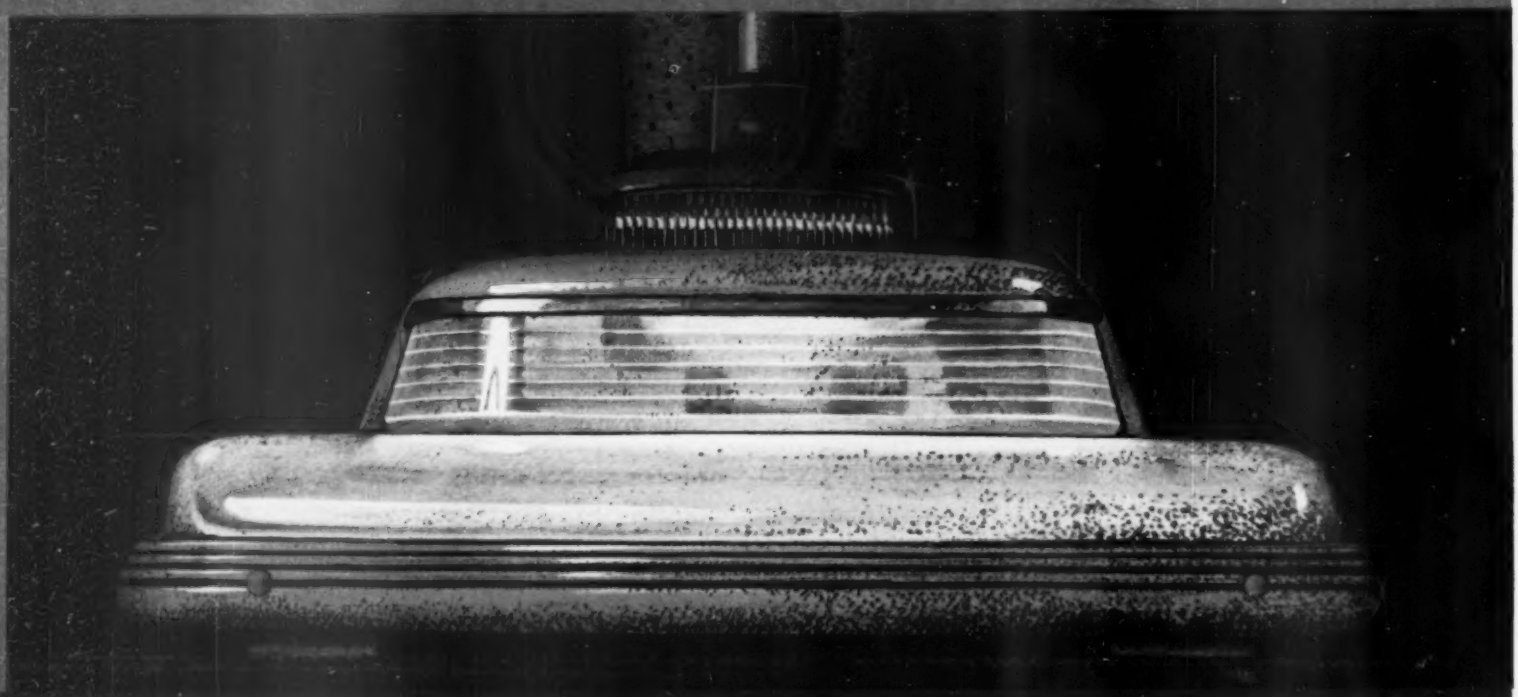


L O F GLASS

Thermopane
INSULATING GLASS
LIBBEY·OWENS·FORD
a Great Name in Glass TOLEDO 3, OHIO

The cleaner with the

AUTOMATIC SHIFT



LONG, LOW AND RARIN' TO GO

POWER GEAR for carpets

It beats, as it sweeps, as it cleans . . . gets the deep-down dirt no other cleaner can.

SHIFT...

Click in the converter and the motor automatically shifts into high.

HIGH GEAR for everything else

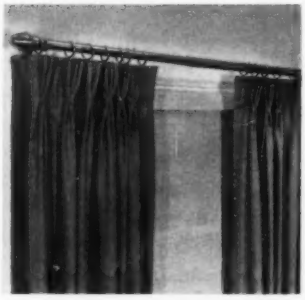
The extra burst of power gives you 50% more suction.

Now you can have the world's best rug cleaner . . . plus super suction for every other cleaning job

The free-wheeling new Hoover Convertible launches a new era of high-speed cleaning. The first truly convertible cleaner, it races smoothly and efficiently from one type of cleaning to another. As a rug cleaner, it gets out all the dirt in true Hoover style. Then, one click of the converter and it automatically shifts into high, giving you super suction for all other cleaning. And it *follows* you as you clean. So get behind the handle of the new Hoover Convertible—the cleaner with the Automatic Shift! As little as $1.50 a week buys this lifetime cleaner.

NEW HOOVER CONVERTIBLE

HOOVER®
FINE APPLIANCES
around the house, around the world



It's NEWS to me!

Begins on page 44

It's portable! Barbecue spit is powered by an ordinary flashlight so you can take it on picnics or camping trips. It's aluminum with 30-inch rotating rod that holds seven pounds of meat or fowl. Batteries supply up to 20 hours of use. It weighs 2½ lbs., folds compactly.

Flash-A-Barb plus flashlight is $14.95, in stores. LRK of California, Inc., 103 Roosevelt Ave., Redwood City, Calif.

File for a homemaker comes in pretty colors to match your decorating scheme. Use it for bills, household papers, or clippings that are forever being misplaced. File, sturdy cardboard, is full letter size. Has matching file folders, labels. In gay yellow, pink, or in turquoise. Lids are coppertone.

Homemaker File costs $1.49, in stores. Imperial Methods Co., Forest Park, Ill.

Automatic single shot combines key safety features of the single-shot rifle with convenience of an automatic 22. Both ejection and cocking are automatic. As soon as you load, the rifle automatically goes on to the safe position, and must be released before it can be fired. You just load, take off the safety, shoot, and then repeat the process. Since it's loaded through top of the chamber, either right or left-handed persons can use it.

Model 55 is $23.95 in sporting stores. Olin Mathieson Chemical Corp., Winchester-Western Div., 460 Park Ave., New York 22, N.Y.

Traverse rod goes high style! Brass-finish round rod lets you traverse curtains or draperies hung from brass rings. Cords and traverse mechanism are completely concealed within the rod and can't be seen at all. Rod, one inch in diameter, comes in three lengths: 30 to 48 inches, 48 to 86 inches, and 81 to 150 inches.

Brass Traverse Rod, from $9.95 for 30- to 48-inch size, in stores. Consolidated Trimming Corp., 27 W. 23rd Street, New York 10, N.Y.

Mobile storage bin for toys is first-aid idea for parents who wonder where they can find room to put a bulky collection. Your youngster can take bin to play area—swivel casters roll over rugs, doorsills. Bin is 12x22, 15 inches deep. It's washable drill with a reinforced top hem. Fiber board in bottom can absorb hard knocks. Unit will fold.

Toy Bin costs $7.95, in stores. Durham Mfg. Corp., Muncie, Ind.

Easy to refuel, this lighter operates for months from a single butane fuel injection. Welcome news—you need not wait until it's completely empty before adding fuel and you needn't disassemble to fill. All you do is insert tip of fuel cylinder into lighter for a few seconds. They seal again automatically.

Varaflame costs from $14.95 up. (Shown, $19.95) Ronson Corp., 31 Fulton St., Newark, N. J.

More NEWS on next page

Marlite wall areas: parchment and pastel green Hi-Gloss Panels, verdi antique Marble Panel. Counter tops: verdi antique Marble Panel. *Interior by Ving Smith*

Beautiful Marlite Paneling

takes years of wear, just minutes of care!

Lovely to look at, so easy to care for, beautiful Marlite paneling adds a luxury look to any room. And it saves hours of housekeeping time, too! Marlite's durable melamine plastic finish stays like new for years. Smudges, splashes, stains wipe off instantly with a damp cloth. And you can install this economical paneling in sheets, planks, blocks over old walls or new with simple carpenter tools . . . end plastering, painting, papering once and for all. Choose your decorating scheme from lovely "Companion Colors," distinctive marble patterns and wood finishes at your lumber dealer's now.

New Book makes you a Decorating Expert! Over 40 illustrations in full color show how to give any room in your home a new personality. Mail coupon.

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The story on the ROXBURY Carpet

Roxbury Carpet can make your home beautiful and smart. You may choose the age-old glory of Wool loomed to last. Or a cloud spun softly of Nylon. Auroras of color locked in easily-cleaned Chromspun® or the crisp color clarity of Cotton. Or you may enjoy the beautiful buoyancy of Acrilan®. Out of all these fibers—and more—Roxbury weaves magic carpets. Select yours at your Roxbury dealer's soon. From $4.95 to $18.95 a square yard.

WIN A ROXBURY CARPET!

Does our picture intrigue you? Write us what you imagine happened. A sad story? A happy ending? Your short story (200 words more or less) may win you a Roxbury Carpet for one, two or three rooms in your home. 20 other prizes of value. Your nearest Roxbury dealer has *your* entry form. If you don't know his name, write Roxbury Carpet Company, 295 Fifth Avenue, New York 16, N. Y.

Shown: *Palo Alto*, an all-wool Tweed broadloom from Roxbury's Saxonville, (Mass.) Mill.

It's NEWS to me!

Continued from preceding page

It's easy to carry two different liquids to picnics in these jugs because the two handles snap together. They make a neat, compact unit to pack and carry, yet satisfy the crowd when half want iced tea or lemonade and the other half want something else—perhaps a cup of coffee. Each insulated jug holds a half gallon.

Dub-L-Jug cost $3.98 a set, in stores. Standard Can Corp., P. O. Box 68, Leetsdale, Pa.

Holds your pole when you're bank fishing! Just push prongs down in ground and lay pole in the holder. It keeps your reel out of the dirt while you tend another line, enjoy a snack, or just lie back in the cool shade and do nothin'. It is aluminum alloy, so it's light to carry with your fishing gear.

Sav'apole, $2, ppd. from mfr., McMurran Products, 2628 Sheridan, Davenport, Iowa.

Hands stay clean and sink stays neat with this scouring pad handle and storage tray set. Hands don't even touch scouring pad when you snap this aluminum handle on any copper, soap-filled, or steel-wool pad. Flexible rubber guards let pad clean right up into a corner. Unbreakable plastic tray provides neat, compact storage place.

Scourking Set is 49c in stores. Scourking Corp. of America, Ozone Park 16, N.Y.

Long-handled bulb planter digs round holes in a hurry, even in hard ground. It lifts out the dirt so you don't have to stoop. When you spread the handles it opens up to drop dirt. It doesn't clog. Blades have turned steps for easy digging. You'll find it's an ideal tomato planter. Handles 36 inches long.

Green Thumb Bulb Planter, $4.95, in stores. Union Fork and Hoe Co., Columbus 15, Ohio.

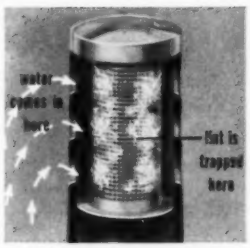
Especially for Baby! Here's a feeding spoon with a bowl only an inch wide—just wide enough to fit Baby's mouth comfortably. You'll be happy, too, because spoon has a five-inch-long handle so you can reach the very bottom of the baby food containers without getting the usual sticky fingers. It's stainless steel, so it can take all the banging Baby gives it. Nothing will tarnish it—not even egg yolk.

Feeding Spoon, 39c, in stores. Foley Mfg. Co., Minneapolis, Minn.

Sock dispenser ends frustrating morning fumble through a drawer. To be hung on a closet or bedroom wall, it will hold seven pairs of rolled socks—all visible through a slot in front. If you don't want to wear pair on the bottom, just pop 'em back up into top. How about dispenser for work, one for dress socks? Box mahogany or blond ash.

Sox Box, $1.95, ppd. from mfr., Sox Box, El Reno, Okla.

New Maytag Lint-Filter Agitator removes lint, dispenses detergent, pumps suds through clothes



New kind of lint-filter—works where the lint is

Filters during wash and rinse cycle. Works with Maytag's 926 lint remover portholes to get rid of more lint than ever before possible. Lint-Filter never interferes with loading or unloading clothes.

Built-in suds dispenser is right in the agitator

Pour detergent into agitator. Dispenser sprays fully dissolved detergent into water—automatically. No "globs" of half-dissolved detergent on clothes. 2-cup capacity lets you add water softener if water is "hard."

Agitator pumps sudsy water up through clothes

Creates a steady stream of surging suds water that loosens and lifts out dirt. Gets clothes *really* clean. And this new Maytag gives you a new kind of gentle thoroughness with automatic washing.

The New Maytag All-Fabric Automatic also offers a new Automatic Rinse Conditioner (softens rinse water) . . . new Pushbutton Water Level Control—saves as high as 2500 gallons of hot water every year! Plus 2 wash speeds, 2 spin speeds, and 3 water temperatures including "cold." In 3 colors and white, with matching "Halo of Heat" Dryer (gas or electric). As little as $3.50 a week. A complete line of Maytag automatics for every budget. Sold in Canada and throughout the world. *The Maytag Company, Newton, Iowa.*

MAYTAG

All-Fabric AUTOMATIC

Color: Tourmaline Green — Gracelyn Lavatory — Norwall Toilet

Beautifully styled cabinet-lavatory and convenient wall-hung toilet by American-Standard cost as little as $3.08 a week*

See how easy it is to clean under this wall-hung toilet. In addition, both cover and seat are easily removed . . . actually snap off . . . for quick, thorough cleaning.

A completely new American-Standard product you will want in your new powder room or bathroom is this wall-hung toilet. Yes, it hangs from the wall . . . does not touch the floor. This means it has a light, space-saving look . . . that there are no awkward, hard-to-reach cleaning areas.

Another exciting new American-Standard product is this cabinet-lavatory. Notice its big, one-piece vitreous china top with wide, wide ledges to hold all sorts of toiletries. The roomy cabinet, with double doors, stores stacks of towels, bottles, jars.

Both wall-hung toilet and cabinet-lavatory come in eight popular colors. And remember, American-Standard fixtures are priced to make it possible for every bedroom to have a bathroom.

For more information, see your American-Standard retailer listed in the Yellow Pages of your phone book under "Plumbing Fixtures" or "Plumbing Supplies." Or mail coupon for helpful booklet, AMERICAN-STANDARD, PLUMBING AND HEATING DIVISION, 40 W. 40th Street, New York 18, N. Y.

*PLUS INSTALLATION

American-Standard, Dept. PB-58, 39 W. 39th St., New York 18, N. Y.

Please send me your 1958 Bathroom Planning Booklet. I enclose 10¢ to cover mailing.

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PLUMBING AND HEATING DIVISION

How well are our TEACHERS being taught?

Never worse!

. . . ***says John Keats,*** **author of "Schools Without Scholars" and father of three school children**

If your Johnny can't read, write, or do arithmetic, it may be due to the fact that his teacher can't do these things well herself. And the reason *she* can't do them is that *her* instructors in teachers college were told she should be taught other things instead.

In teachers college, they told her that all children should not be expected to read, write, or do arithmetic, anyway. She heard it was more important for Johnny to be well adjusted and happy than it was for him to be asked to use his head. In teachers college, she spent far more time learning to ventilate a classroom than she spent learning anything she might be asked to teach. Then she was told she could teach students a foreign language without being able to read, write, or pronounce it herself. Finally, she was warned that if she made a brilliant record in what formal studies there were in her teachers college, she might not be allowed to teach at all.

Therefore, we must not blame teachers for the ever-growing criticism that our public schools fail to make the best use of our children's abilities and fail to teach things worth learning. Our schools' failure may be traced to the zany educational philosophy dispensed at our leading teachers colleges—both independent teachers colleges and those that are part of a university. Let's visit a sample teachers college to discover what goes on at the source.

The school I will call Fairly Normal is a part of New York State's university system and it trains teachers for New York public schools. It is well-regarded by other teachers colleges, and New York schools are far from the nation's worst.

"Good teachers," Fairly Normal's Dean of Education says, "are produced solely by scientific teaching methods. We say 'We teach children, not subjects,' and we say, 'A good teacher can teach anything.' "

Hence, Fairly Normal's undergraduates spend one-third of their time in "education," learning teaching techniques and manipulation of "teaching aids," such as movie projectors. The rest of their time, including physical training, is devoted to the subjects they may be called upon to teach. [*Turn to page 52*

Never better!

. . . ***says Robert H. Beck,*** **Professor of History and Philosophy of Education, University of Minnesota**

Contrary to a highly vocal segment of public opinion, teachers colleges are not a waste of time for the men and women enrolled in them, nor do they stand in the way of your Johnny's learning to read, write, or do arithmetic. There is, in fact, good reason to believe that today's professionally trained teachers are the best teachers our schools have ever had, and not only can Johnny learn from them, but he can learn faster and better.

Proof of this is found in a study by Professor Benjamin S. Bloom of the University of Chicago. He compared sample scores of the millions of high-school seniors taking the General Education Development tests in 1943 with those taking them in 1955. The GED has five sections—English composition, social studies, natural science, literature, and mathematics. Professor Bloom found that in all five areas the students' knowledge of the subject was greater than it had been 12 years earlier. "These consistent results," he said, "give evidence that today's students are achieving to a greater extent the objectives measured by this battery of tests than were students of 1943."

Results from other studies similarly favor the elementary school of 1958. Today's students do better work in mental arithmetic and in written arithmetic. Only in certain aspects of geography and in spelling do they fall behind.

Anyone who is surprised by these findings has probably fallen victim to rumors that today's teachers can't teach—that the education courses they take in teachers colleges are totally useless, and that these courses monopolize their time and prevent them from learning anything worth teaching. It isn't so.

First of all, prospective teachers don't spend all their hours learning How To Teach. The National Education Association's Manual on Certification Requirements shows that high-school instructors in most states need no more than 16 or 18 semester hours of education courses. This is roughly one-seventh of a normal four-year college education. In contrast, the average requirement for state certification as a high-school teacher is 24 semester hours in English, modern foreign languages, or social studies for anyone who [*Turn to page 53*

"Teachers-college training is piffle!" ...Mr. Keats

Thus, a future English teacher may spend one-third of his time learning How to Teach, and as little as one-seventh of his time studying English. For this reason, the English courses are hasty surveys with no emphasis on mastery of any particular phase of the material. I plucked a paper at random from a pile of Fairly Normal freshman essays. It was eight paragraphs long, entitled "How To Shot A Bow." Unfortunately, the author will not have an opportunity to increase his proficiency, because Fairly Normal requires only one semester in English composition. Four years from now, he may be teaching composition to your child. Or perhaps he may be teaching French, which he did not study in either high school *or* at Fairly Normal, because teachers colleges believe good teachers can teach literally anything.

The real meat of Fairly Normal's "education" course is a collection of classroom How To's which liberal arts schools offer as a one-year minor elective. At Fairly Normal, however, "education" is not only the undergraduate's major field but the school's sole reason for existence. In order to convert the essentially minor matter of pedagogy into a major course of study, Fairly Normal and other teachers colleges have magnified it beyond all belief to include such "learnings" as "the *need* for democracy in the classroom," and "meaningful student participation in the use of audio-visual aids." One teachers college text devotes 42 pages to how to get along with the school janitor.

There is no apparent limit to the lengths to which this mindlessness may be carried. A lesson on "proper classroom ventilation," for instance, is not just a five-minute lecture, but a separate course, the gist of which is that classroom air should be kept fresh and at a constant temperature. I regret having to say I am serious.

Not only are such purely mechanical matters as window-raising blown up into semesters of study, but there is a similar belaboring of the obvious in what passes for the intellectual aspects of Fairly Normal's scientific pedagogy. I sat in one sophomore class learning the necessity for "democratic group behavior in the classroom."

"How can we tell whether a man is a good democratic group leader?" the professor asked.

There was a silence, during which the young people stared at one another. The silence grew embarrassing. I began to time it, and when nearly seven minutes had passed, the professor said: "Well, can we tell by looking at him? By what color tie he wears?"

One student took a deep breath and plunged in. "By what he does?" he wondered.

"Exactly!" the professor said. "We can tell by what he does!"

Everyone seemed startled by this revelation. The young lady next to me muttered, "Ask a silly question and get a silly answer," and wrote something in her notebook. I was reminded of another young woman at another teachers college who said, "If I hear one more dean tell me the school is important to the child, I'll scream."

In places like Fairly Normal, masters and doctors degrees are granted for deep research into such matters as the timed, observed use of the boys' toilet in an elementary school of 345 pupils. One thesis, hardly atypical, was entitled "Your Present Classroom Pencil Sharpener, Its Care, Location, and Use."

In my two years' research, I found that Fairly Normal believes in the following concepts:

1. An educated man is one who "is socially well adjusted and helpful in his community." By this standard, Fairly Normal's president says, a man could be considered educated even if he could not write his name or count to 10.

2. Johnny's mind cannot be trained by rigorous studies. "We know," the dean of education says, "that learning algebra leads only to a knowledge of algebra. The mind cannot be trained like a muscle."

3. Not all children should be asked to master reading, writing, arithmetic, or any other formal study. "The sooner we realize this," the dean says, "the sooner we can build a better curriculum."

4. There are no objective standards in learning. "We no longer try to stuff the same diet down every child's throat," the dean says. "We try to set before each child a cafeteria of learnings, so that each child may choose what he wants, and needs, and would like to study."

5. A brilliant student is a poor risk as a teacher. "The more a student is enamored of his subjects, the more apt he is to be a scholar and the less likely to be a good teacher," the dean claims.

This philosophy has weakened our public school curriculum so that the only "subject matter" to which all our children are exposed during their 12 years is simple work in word and number. By no means all high schools require chemistry, physics, biology, languages dead or living, mathematics, history, geography, or English composition beyond the sentence and the paragraph. One Virginia high school recently dropped European history because too few students elected to study it. A Maryland high school offers training in beauty-shop operation, and spends more time on this course than it spends on Latin, French, mathematics, history, science, and English, or any combination of two. Our public school curriculum has so deteriorated that the U.S. Office of Education has compared it unfavorably with Russia's, particularly in mathematics, languages, and the sciences, and cited the elective "cafeteria" and the shortage of qualified teachers as major reasons.

The shortage of teachers is both quantitative and qualitative, and the teachers college is partly responsible in both instances. The bulk of teachers college training is sheer piffle, and this in itself is one reason why schools like Fairly Normal fail to attract either a good faculty or an able student body. Fairly Normal pays its associate professors more than Ivy League colleges offer theirs, but the last liberal arts doctor to appear on campus took a $975 salary cut to escape to a tiny liberal arts college where his chances of promotion were nil, but where he could find nourishment for his mind.

Sadly enough, another result of the teachers college influence has been to keep well-qualified teachers out of our classrooms. Many states require teachers to show credits in "education." Thus, New Jersey children recently lost the opportunity to learn from one of the world's best biochemists. This man, full professor at an Eastern college, will reach the mandatory retirement age of 65 next year. Thinking to help ease his state's shortage of science teachers, he applied for a high-school job, effective on his retirement from college. His age was no barrier. His international reputation was not sufficient recommendation, however, nor was his 35 years of classroom experience. Without credits in "education," he was told, he could not teach in New Jersey's high schools.

There is no reason to prolong a recital of dreary wrongheadedness, fascinating as it may be. If we are going to make genuine contributions to public education, I would suggest we start at the source. We must raise the standards of the teaching profession, beginning with teacher education, and we must diminish the role our deans of "education" currently play.

Serious men have proposed abolition of our teachers colleges. I would say it would be better simply to ignore our Fairly Normals, and to build our own teacher certification requirements in our school districts. If enough of us do this, our teachers colleges will be forced to change their ways or close their doors, and in any event, we will have built real value into the school for Johnny in our town.

"Today's students learn more than ever!" ... Dr. Beck

is to teach those subjects. And these minimum requirements are actually exceeded by most students. Future elementary school teachers ordinarily take about a fourth of their college study in education courses—considerably more than do budding high-school instructors. But this increased emphasis isn't strange, considering the difficulty of imparting basic concepts to very young children.

Nor are these education courses either useless or divorced from subject matter. A course in children's literature, for example, both familiarizes the future teacher with available material and gives her methods of selecting books for youngsters who vary in reading ability, in interests, in background. No college course in American literature can quite do that.

As an example of a methods course that has come under some ridicule, let's take the teaching of reading. Should an elementary school teacher take such a course? Surely she can read; why can't she teach reading? If you try this with your own six-year-old, you'll soon see the difficulty. The sound of the letter "a" will be the first thing to throw you. Which of the eight sounds listed in the pronunciation key of a dictionary should be taught first? "A is for apple," true. But "a" is also for "ace" and for "axe," not to mention "alphabet," which has two "a's," each sounded differently. Even at this first stage of instruction, you may give up, wondering how teachers ever do it.

Well, they do it because they've had a course teaching them when to introduce phonics and how to teach them—and when and how to teach blends, digraphs, variant endings, root words, compounds, prefixes, suffixes, and syllabification. All these things, they have learned, enter into effective word recognition.

It is significant, too, that a third of the future teacher's time in education courses is spent in practice teaching, where she can try out what she has learned on a sort of internship, under the direction of already qualified teachers. The potential teacher learns her methods in both the classroom and the "lab"—the secondary or elementary schoolroom where she tests the theory she has studied. The candidate thus not only adapts theory to practice but also learns whether she *can* teach or is suited to teaching. Without this trial period, a teacher would have to dive blindly into a profession for which she might have neither aptitude nor zeal, in which case Johnny's classroom would reflect frustration and confusion.

Recent experience in Minnesota further illuminates this point. In 1949 and 1950, when Minneapolis was faced with a shortage of elementary school teachers, emergency certificates were granted to 54 recent college graduates who wanted to become teachers. All of them were given a six-week preparatory teaching course, but none of them had had a systematic college course in child growth and development or in the teaching of reading or arithmetic. During this same period, 183 teachers holding regular certificates were appointed.

Today—largely because of marriage, inadequate salaries, and the inferior social status too often accorded teachers—just 43 percent of the fully qualified instructors are still teaching. But only *22* percent of the "emergency" teachers are left! Why did nearly twice the percentage of trained instructors remain at their profession? Mostly because the untrained teachers were overwhelmed by an experience for which they had too little preparation.

Of the 12 provisionally certified teachers who have stayed on, some have become proficient through the process of trial and error. "But at what cost!" as one of them has said. A major share of that cost, of course, was borne by the children who missed out on their education while their teachers were making experiments—and mistakes—that could have been better handled in teachers colleges.

Other members of this untrained group took courses in child growth and development when they found time, and they immediately felt more at ease and more competent in their jobs. One woman in this group, still teaching, has written that her first problem was "lack of knowledge and understanding of the child." Another problem concerned teaching methods. She said of teaching reading, for instance, that learning by the phonics method is certainly no guarantee that you can teach by that method, unless you have studied it for that purpose.

What happened in Minneapolis was evidence of the value of professional preparation. Teachers with regular certificates, more prepared for the problems they would encounter, enabled their students to learn more easily than provisional teachers did. This fact was borne out not only by testimony from the teachers, but also by results of achievement tests of the pupils.

Why, then, are so many people so critical of teachers colleges? Probably because they misuse the term "teachers colleges," grouping under it a variety of schools that have nothing in common but this vague and misleading name. They don't know about the different schools in which teachers are trained or how many teachers come from each.

Historically, the first schools devoted to preparing teachers were normal schools, but by 1900 most of these had been absorbed into teachers colleges. The teachers colleges then grew into four-year institutions with departments of education, arts, and sciences. Modern American colleges and universities include departments of general and professional education—the latter embracing engineering and, occasionally, other professional training—as well as teacher education.

Of the 1,886 institutions of higher learning in the United States today, at least 1,091 prepare future teachers, but only 126 are listed under the category of "primarily teacher preparatory" in the *Education Directory*, the authoritative source for information on institutions of higher learning. Most teachers do not come from schools specializing in teacher training, but from first-rate colleges and universities where departments of education work hand-in-hand with departments of science and the liberal arts. There are, among the 126 "primarily teacher preparatory" schools, perhaps 31 old-type normal-school teachers colleges. These schools—mostly two-year institutions that do not grant degrees—are possibly guilty of the charges brought against "teachers colleges." But to condemn modern training in education because of a few relics is ridiculous.

There is overwhelming evidence that teachers with professional training and a liberal arts education are teaching effectively. And three recent developments indicate that Johnny will get even better instruction in the future:

1. Colleges and universities have taken steps to better their practices of selecting teaching candidates. More and more, teacher education is being reserved for men and women of high academic promise who also possess personalities and attitudes found in outstanding teachers.

2. Certification requirements are being raised by many states. In 1951, only 20 states demanded that an elementary school teacher hold a bachelor's degree. Today, 37 states call for one. The elementary school teacher of 1958 has had about one full year of college more than the teacher of 1947.

The requirements for high-school teachers are becoming even more strict. A master's degree, including advanced study in the subject the teacher is to instruct, is often required.

3. To improve teacher training, educators have created two accrediting organizations—the American Association of Colleges for Teacher Education, and the National Council for Accreditation of Teacher Education. With regional support, both the AACTE and the NCATE will investigate all phases of the college education of future teachers, and will exert every effort to assure correction of any shortcomings they might find.

Our teaching is good, but not perfect, and anyone who can improve it is encouraged. Those who find faults where none exist, though, are working against progress, not for it.

Keats answers Beck

▶ **Doctor Beck says high-school students scored higher on GED tests in 1955 than in 1943, citing this as proof of better teaching methods and standards.**

Criticism of these tests also increased during the same years. What do the tests test? A child's knowlegde of *Moby Dick*, or of *The Three Little Pigs?* Solid geometry, or arithmetic? Isn't it more nearly accurate to say children are making higher scores in lesser subjects as more schools adapt themselves to "educators" tests and adopt "education's" watered curriculum?

▶ **Doctor Beck says the N.E.A. Manual on Certification Requirements shows that "most" states demand no more than 16 or 18 semester hours in "education" courses.**

True, the N.E.A. Manual shows 32 of the 50 states and territories asking no more than 18 hours, but 21 of those 32 ask the full 18; only 11 ask less. The remaining states demand from 20 to 27 hours. Moreover, the Manual shows a further requirement: additional hours in "directed teacher training." This is part of the teachers college curriculum, but Doctor Beck forgot to include it in his calculations.

▶ **Doctor Beck tries to show that English teachers must have 24 semester hours in English, which he then compares with "16 or 18" hours in "education."**

The *Journal of Teacher Education*, in a survey of 68 teachers colleges, shows that an average of 34.18 semester hours are spent on "education"; an average of 15.6 hours are spent on English. The average number of hours spent on mathematics, by the way, is 2.84, approximately 1/15th the time devoted to "education."

▶ **Doctor Beck says no American literature course can "familiarize" the teacher with children's books and give her "methods" of selecting them, while an "education" course can, and does.**

I have watched grown men and women fall asleep in a teachers college while their professor read aloud to them from *The Little Engine That Could* in order to "familiarize" them with children's literature. A proper English literature course gives the student a sense of literary values and of our cultural heritage and prepares her to select children's books on the basis of the cultural and literary values they contain—not from an "educator's" reading list.

▶ **Doctor Beck says only 126 "institutions of higher learning" are listed by the *Education Directory* as "primarily teacher preparatory."**

The reason is that many schools are changing their names; few want to be known as "primarily teacher preparatory." Normal schools began the trend by calling themselves "teachers colleges." Now, teachers colleges have been calling themselves "colleges," much as an undertaker might want to call himself a mortician for social reasons. It is a change in name only, made under the duress of increasing criticism. In a similar fashion, and for the same reasons, "progressive education" is now called simply "education" by its practitioners, who are apparently trying to fool the public.

▶ **Doctor Beck says at least 1,091 of 1,886 institutions "prepare" teachers.**

Many schools offer "education" courses as minor electives; fewer grant degrees in "education." If, however, Doctor Beck wishes to consider a minor elective in "education" an adequate preparation for teaching, I'll be the first to agree—as long as the applicant also holds a Bachelor of Arts degree granted by a genuine liberal arts college.

▶ **Doctor Beck says to "improve teacher training" "educators" have set up two new organizations for "teacher education."**

It is refreshing to learn that our "educators" are at last suspicious, that they are finally willing to admit that something might be done to improve the sorry state of both our teacher education *and* our teacher training.

Beck answers Keats

▶ Mr. Keats says there are teachers who spend far more time learning to ventilate a classroom than they spend learning anything they might be asked to teach.

This statement is false. I cannot conceive of any college—not even the most dismal two-year normal school—where this claim would hold true.

▶ Mr. Keats assumes that the courses he disdainfully groups under the term "scientific pedagogy" are taught to all prospective teachers.

This, of course, is not true. Many of the courses at which Mr. Keats scoffs are intended not for teachers at all, but for students training to be school superintendents. And no community would employ as a superintendent of schools a man ignorant of the matters of taxation, school law, schoolhouse construction, and maintenance of a budget.

▶ Mr. Keats says Johnny may be learning French from a teacher who did not study French herself in either high school or college.

I doubt whether there is an institution in the United States that will recommend for certification, as a teacher of French, a student who has not had at least six or seven courses in college French. The large majority of colleges preparing teachers require a major in French (or whatever the subject for which the student is to be certified). This college major almost always exceeds the minimum requirements for state certification. A teacher teaching a subject she has not studied in college is being victimized—along with her students—by an irresponsible principal, superintendent, or school board.

▶ Mr. Keats says one high school offers training in beauty-shop operation, and spends more time on this course than it spends on Latin, French, mathematics, history, science, and English, or any combination of two.

I wish he had mentioned the enrollment in the beauticians course; I doubt that it was very large. For that matter, very few high schools other than vocational schools offer more than a few vocational courses.

▶ Mr. Keats says that by no means all high schools require chemistry, physics, biology, languages dead or living, mathematics, history, geography, or English composition beyond the sentence and the paragraph.

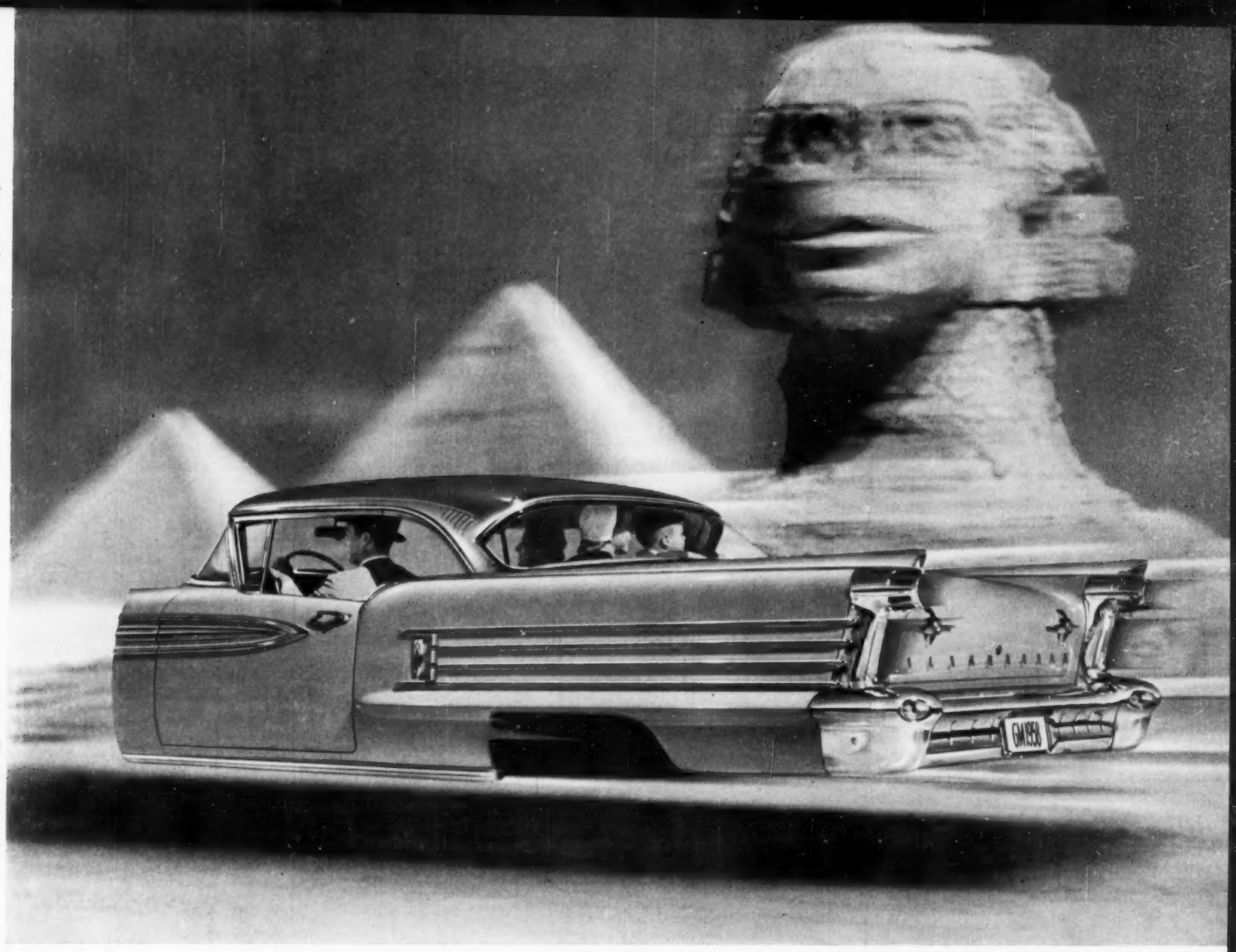
It is true that 25 percent of our high schools offer no physics or chemistry, but these high schools are the small, rural schools in which *only 2 percent* of our students are enrolled. Most high-school students *do* study the subjects Mr. Keats mentions. A survey of a recent freshman class at the University of Minnesota showed that only 9.5 percent of the students had had no science courses in high school.

▶ Mr. Keats says Johnny's teacher heard it was more important for Johnny to be well adjusted than it was for him to be asked to use his head.

A teacher who helps the personal adjustment of a student is not thereby preventing him from using his head. Mr. Keats accepts the mistaken notion that knowledge must be boring (or teaching methods harsh) in order to be intellectually nourishing. Quite the contrary. There is good reason to believe that a pupil is free to use his head when he is not distracted by persistent anxiety or angry rebelliousness. Rather than resisting his teacher and his studies, a happy, adjusted student has energy to use in learning.

▶ Mr. Keats says that Johnny's teacher has been told not to expect all children to read, write, or do arithmetic.

And it is a fact that some children *can't* learn to read, write, or do arithmetic. Johnny's teacher was told that *most* children, however, can learn the three R's, and she has been taught how to assist that learning. High marks made by her students in dozens of achievement tests prove that she has learned well, too.



A dramatic portrayal of the Body by Fisher in the 1958 Oldsmobile Ninety-Eight Holiday Coupe.

The secret is in the build–

THE NEW "SOUND BARRIER" BODY BY FISHER

Built to stay silent for years—that's the new "Sound Barrier" Body by Fisher.

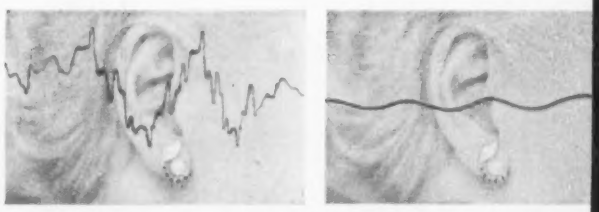
Its secret? Life-Span Build – with roof structure, side members and steel foundation *integrally joined* into one unit.

Result: every Fisher Body shrugs off the shakes and shuts out road noises.

The new "Sound Barrier" Body is the latest achievement in 50 years of Fisher Body "firsts."

* * *

Another Fisher Body dividend: Safety Plate glass in every window—front, rear *and side!*



HEARD THROUGH AN ELECTRONIC EAR. On the left, you can "see" the annoying road noises as recorded by an oscilloscope in a '58 car body before the application of 23 "Sound Barrier" insulating and sealing materials. Compare that jagged "loud" line with the *subdued* sound waves recorded in a "Sound Barrier" Body by Fisher.

Only the "GM Five" give you the Bonus of BODY BY FISHER

GM

50 YEARS OF BODY BUILDING LEADERSHIP

CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC

The sculptured look

New trend in small gardens

By Fleeta Brownell Woodroffe

THERE'S NOTHING cold about the trend to a cleaner, more dramatic look that's coming over American gardens today. No familiar favorites are banished. In most gardens, it's a rearrangement only, with our favorite plants and best-loved nooks looking much better for the going over they get to show off their best points. Here you see some of what's happening —what gives "the sculptured look"

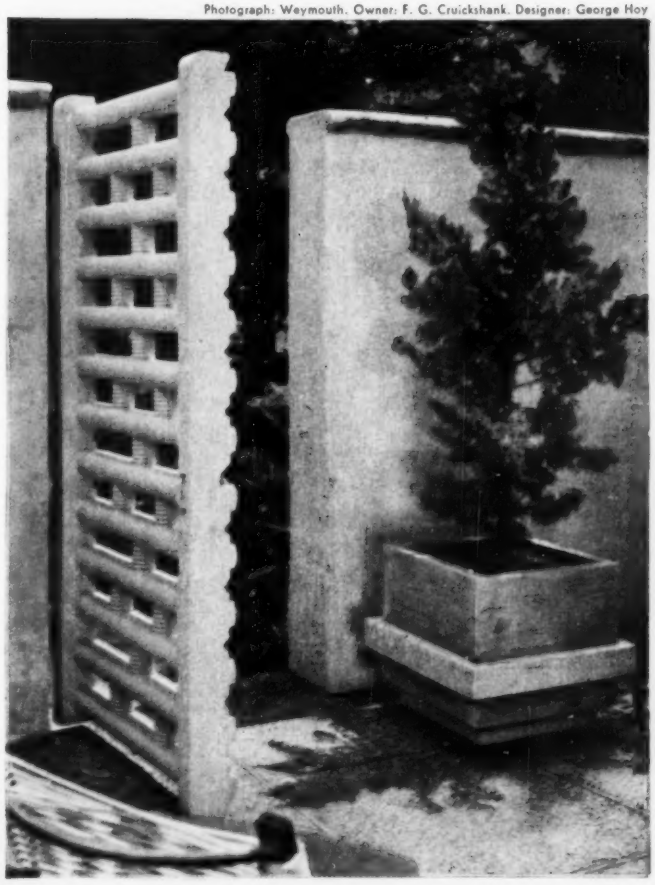
←

Bold colors against plain walls

Small-flowered plants are grouped. There's no fuzzy, all-over pattern, no polka-dotting of color in gardens with this new sculptured look. Groundcovers grow in thick mats. Here, Phlox Sparkles scintillates at feet of old Mexican figure of Saint Anthony by simple pool.

Photographs: de Gennaro. Owner: Frederick E. Emmons

Photograph: Weymouth. Owner: F. G. Cruickshank. Designer: George Hoy



Placing gives strong 3-D quality

Here's a tubbed Canaert Juniper that's been pruned with thought, so that branches are dense. Strong upright outline has gentle curve, a feeling of movement.

It has wall space all to itself. There's good color contrast. Sun hits it only from over top of wall, highlights tips, backlights the rest.

Crisp design in garden ornaments

The trend to clear, uncluttered lines is found in all types of garden furnishings. This birdbath of good contemporary design has setting of globe-amaranths in dwarf varieties Buddy and Cissy (white). Note that flowers come close to basin, aren't allowed to overhang.

See page 178 for garden sculpture

Beautiful things for everyday living . . . comfortable informality that's our decorating editor's report on . . .

SCANDINAVIA

SMALL HOMES in Stockholm, Helsinki, Copenhagen, and Oslo are much like ours. People do their own housework, are just as home-loving as we are. Probably that's why Scandinavian-style furniture has become so popular in the U.S.A. during the last 10 years. It's slender to make small homes live larger, it's economical, it's Contemporary without being cold. When I flew over to cover the annual fall Design Cavalcade, I saw over a hundred model rooms, dozens of museums—all four countries showed the newest home fashions. My notebook bulged with decorating ideas. Back in the States, I found plenty of furniture for these photographs . . . some was imported . . . much was American-made. But in all you see the charm of Scandinavia.

By Florence Byerly

Needlework and woodcraft are old arts in new forms

Wall hanging is a prizewinner from annual Danish Needlework Show. You can make one in about 10 hours for $10. See page 109.

The chair has a rounded, hand-sculptured look even though it's machine-made.

Spacesaving ideas are the coffee table which folds flat for storage and the tiny chest under the lamp. Both are teak. Shelves take no floor space, fit on adjustable brackets developed in Scandinavia.

Photograph: Hedrich-Blessing

Drawings: Howard

Nothing sissy about homemaking

In Swedish schools, boys as well as girls start homemaking studies in fifth grade. They choose colors, arrange furniture on floor plans typical of the cooperative apartments in which they live.

Teaching kit of miniature furniture is supplied by the state-sponsored Society of Industrial Arts.

They buy furniture with state help

In Norway and Sweden, homemakers can get a government loan to buy furnishings, much like our F.H.A. loans.

Amount is determined by finance office, then the couple visits State home-planning center for tips on decoration and wise spending. They then go to any store to buy, send bills to the government and repay by the month.

More credits on page 196

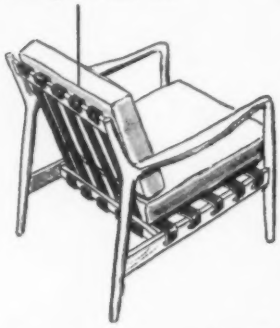
Continued

Photographs: Suter, Hedrich-Blessing. Decorator: Sarah Pagoria

Teakwood is popular for its color and lively grain

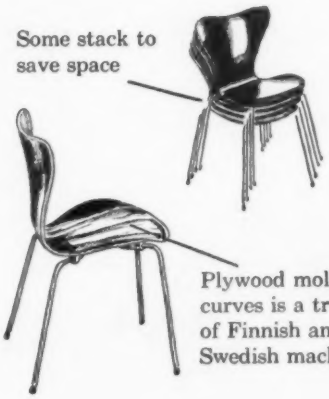
Originally, this wood was imported from Burma and Siam to build Nordic ships. Teak scraps gave furnituremaking a start. For a natural, open-pore look, Danish cabinetmakers use oil finish, but American-made adaptations are usually protected by a lacquer that has no gloss, is almost invisible. Another material, plentiful in Sweden, is stainless steel, here used as legs on small benches.

Contoured for comfort. Has high headrest



Webbing for slender shape. Padding is thin, too

Solid woods, often teak with oak or birch, permit dovetailing, sculptured shapes



Some stack to save space

Plywood molded into curves is a triumph of Finnish and Swedish machinery

These details will help you to recognize Scandinavian designs

Furniture often has wooden arms (proof against children's sticky fingers.) The slim, sturdy frames are scaled to fit small rooms. To fit people, too, for Swedish scientists have tabulated bone sizes, spinal curves, so chairs are comfortable. In these Nordic countries, where winter days are dark, designers have also produced lighting innovations which have influenced American designers.

Drawings: Richardson

Budget ideas from an Oslo exhibit

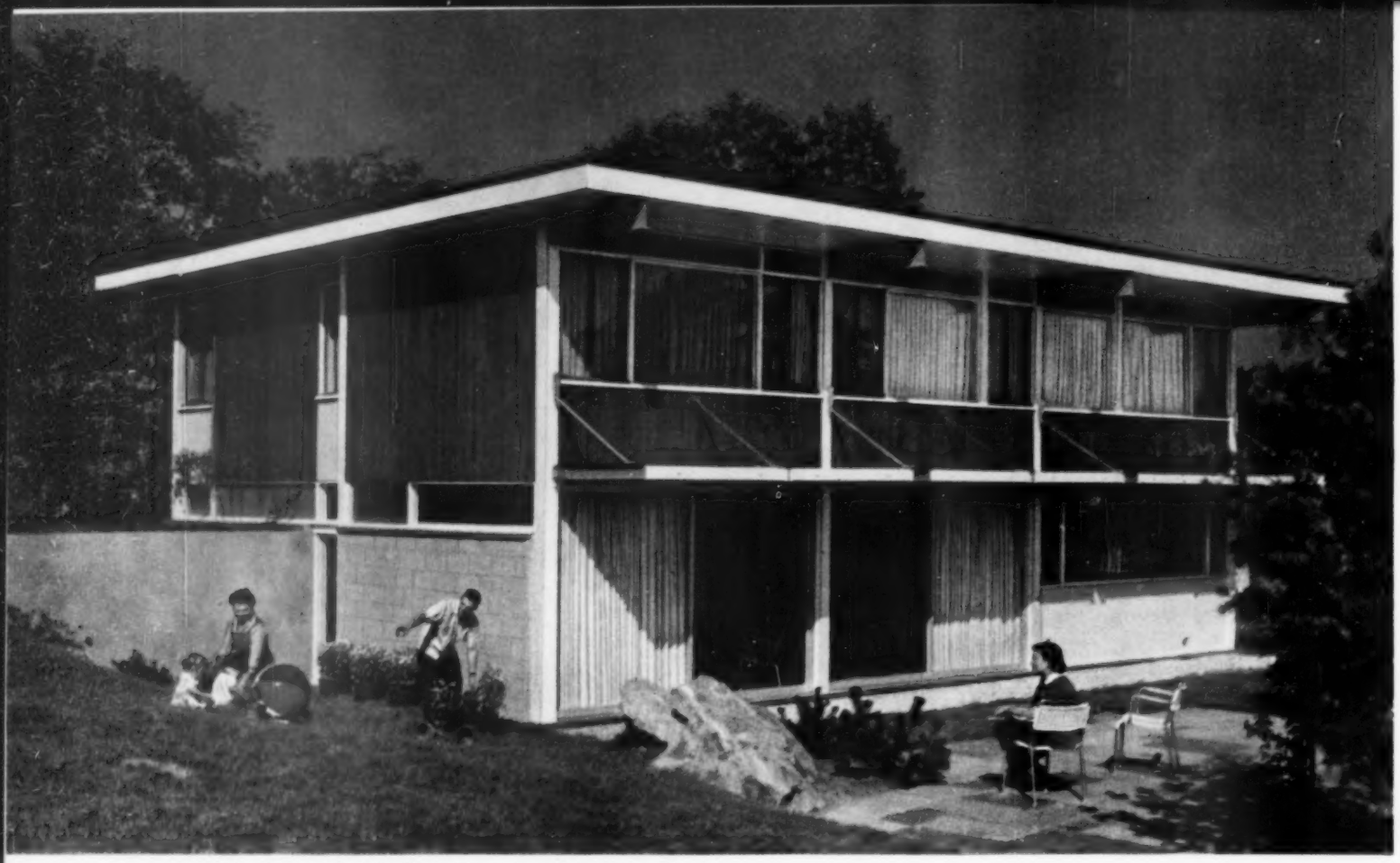
Lamp hooks onto rafters, long table is also a sofa or a bed. Rug is accent size. That American TV slipped into sketch when our artist began to adapt ideas to his own attic.

Coffee group has higher table, light above

That's because coffee is served in the living room, never at the dinner table. Sketched in a fjord hotel in Norway, this color scheme would be charming in an Early American room.

Cheerful Danes like colorful tables, napkins in unusual folds

And always a few flowers, simply arranged. Flowers, say the Danes, make food taste even better! Antique charcoal stove originally warmed serving dishes—and ankles. Black lacquered back rests, rust leather both make wood tones glow.



Rear exterior is handsome to behold. Materials are framed into rectangles of varying size, blended to form this exciting picture. Sliding glass walls open living and dining areas to attractive stone terrace—handy for entertaining.

Ground-level living room is well arranged for conversation, as well as for enjoyment of fireplace and view through sliding glass. Facing rear of lot, room enjoys complete privacy. End wall has unusual high and low bands of glass.

★ ★ ★ FIVE STAR HOME 2805
★ ★ YOU CAN BUY PLANS ®

SEE PAGE 196

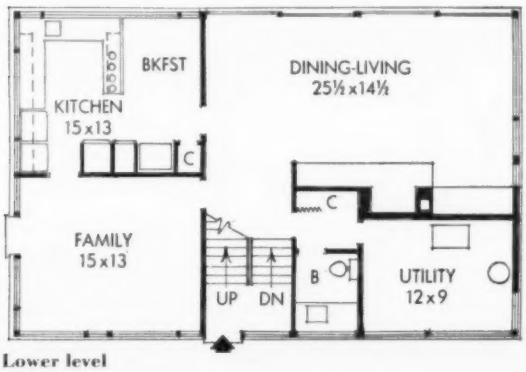
It doubles the space, but not the cost

When it comes to enclosing space for living—pure and simple space—the two-story house comes into its own. Dollar cost per square foot is minimum; so's the land you devote to building.

But a *good* two-story house, nowadays, is hard to find. Many single-level homes *look* better and *live* better. We searched the country for a two-story that could stand up and answer all arguments. Here it is—Five Star Home 2805.

The owners, the Leon Groissers of Lexington, Massachusetts, wanted a feeling of space in a house where living divisions were strictly maintained. A two-story [*Turn to page 190*

By John Normile, A.I.A.

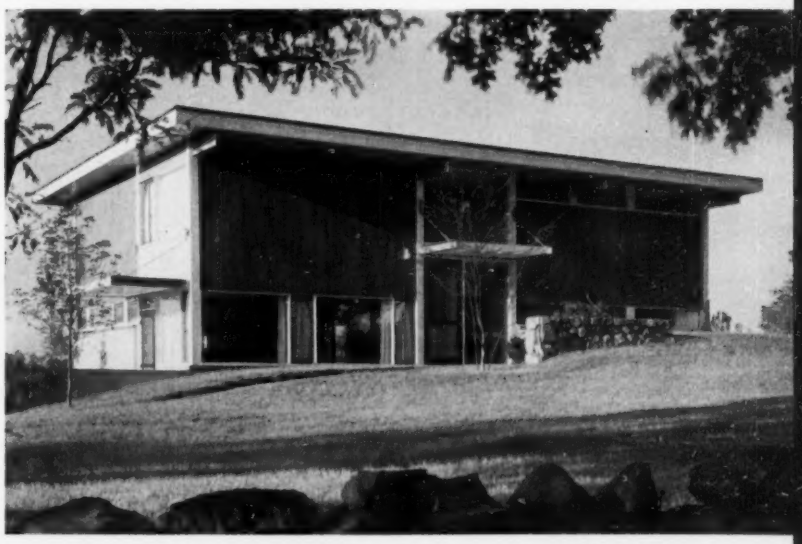


Lower level

Upper level

Photographs: Lisanti

Looking toward kitchen and dining side of living room, you see more of expansive view through sliding glass walls. Gravel pathway, as wide as roof sunshade, prevents mud from splashing on house in a driving rain. There's a choice of two eating areas in this house—one you see in formal dining room here, while other is in breakfast room beyond.



Front of house has center entry, set into a neat frame extending the full height of both stories. You enter on a landing midway between living and sleeping levels. Both front door and entrance to family room (at left) are sheltered by canopy of same style as sunshade over living room. Walkway from front door leads toward garage, off picture at left.

Three-step magic with flowers

Just nine red tulips make a handsome show when arranged, triangular fashion, in a low bowl

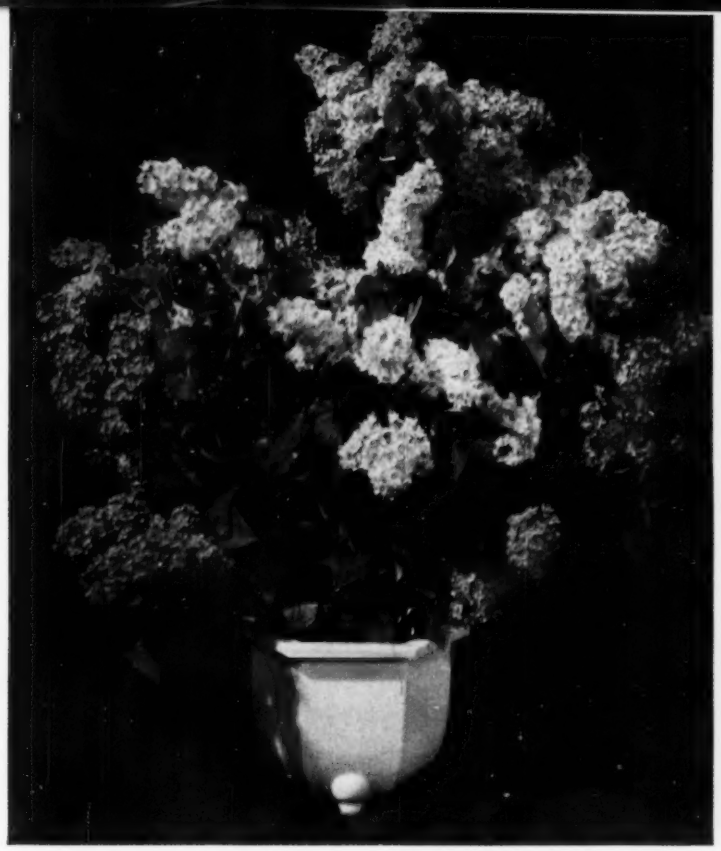
By Fae Huttenlocher

IT'S EASY AS ABC to put dramatic beauty into your flower arrangements. Whether you prefer the full, lush loveliness of the Traditional bouquet or the simple elegance of Oriental design, follow these basic steps. Use showy branches and flowers for a magnificent display; smaller blossoms and leaves for beauty in miniature. You'll enjoy the excitement you can so easily create

↑ Traditional arrangements follow no set rules. They call for a variety of colors and flowers and are best done in deep containers. Longest stems (about three times container height) are placed at center-back of a wire mesh, needlepoint, or chicken-wire holder.

1st step

Oriental arrangements, in deep or shallow containers, have three basic lines in triangular position. Tall, *heaven* line—cut 1½ to 2 times width or height of container—is set center-back; *man* and *earth* lines, ⅔ and ↓ ⅓ length of first, come forward at sides.



↑ After establishing the over-all height of your arrangement with the first few stems, add more flowers or greens at either side. A definite break in the flower outline, seen left of the tallest stem, creates a pleasing interest.

↑ Finally, fill in freely around lip of the container. Traditional arrangements are full, round, and colorful. Even in miniature they create a feeling of glorious abundance. Practice with them will develop a refined sense of balance, proportion, and color harmony.

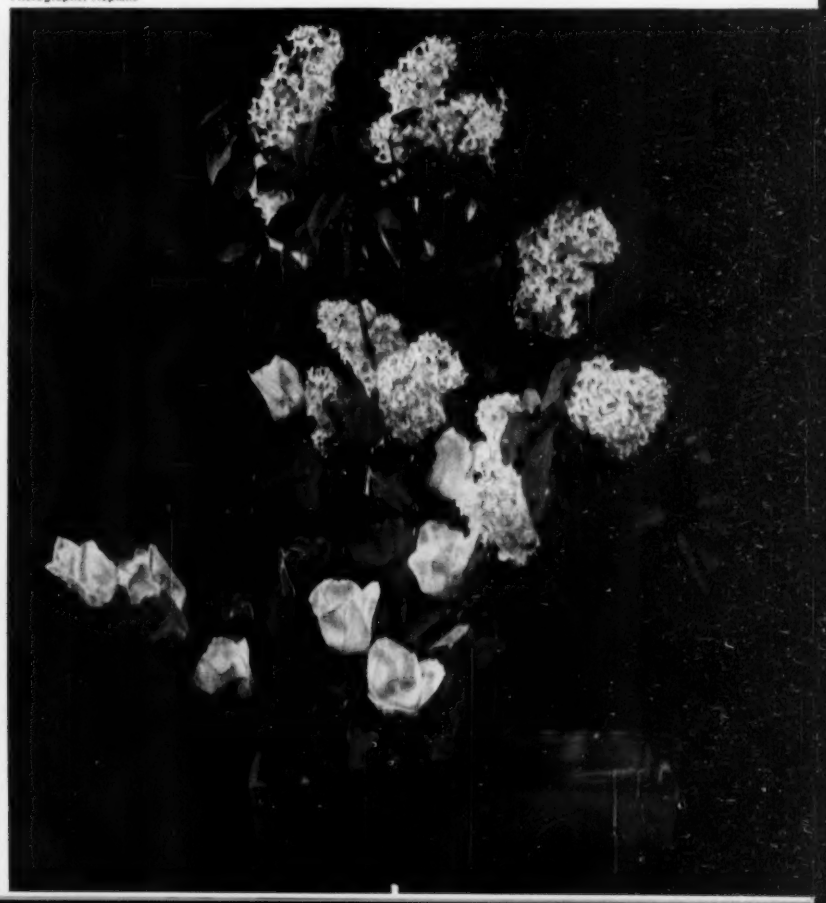
2nd step

Give depth and dimension to your arrangement by adding more flowers. Each is cut a different length and set within the triangle established by the basic lines. As a result, interesting variety in a ↓ unified design is achieved.

3rd step

Add last stems where needed, but still within the triangle. Details to remember are: *heaven* line curves up and away from *earth* line; all other stems face up toward *heaven* line; group flowers or branches by variety; use ↓ only its own foliage with each variety.

Photographs: Hopkins



Fabulous iris—for your very own

Owner: Robert Schreiner

TO COMPARE iris with orchids is no longer enough. Such praise fails to recognize the splendid texture and the great size of the newer hybrids. It ignores the thrilling blues, the very special pinks, the whole galaxy of yellows, the coppers, the saddle-leather browns, the exciting, deeply dyed reds. All these iris can be ordered today at moderate prices

An all-iris garden may be the only satisfactory answer, once you realize how enchantingly lovely and how large and lasting the modern iris are. Plan to have—now or later—clumps of five to nine plants of each variety. Give good soil, full sun.

Then have a right royal time combining colors, as here, where White Tower backs Wonderbar and blushing Paradise Pink.

Photographs: de Gennaro

Iris and early peonies flatter each other extravagantly. Rivaling the loveliest skies of summer, the six-inch iris blossoms here are of the award-winning variety named Sapphire Blue.

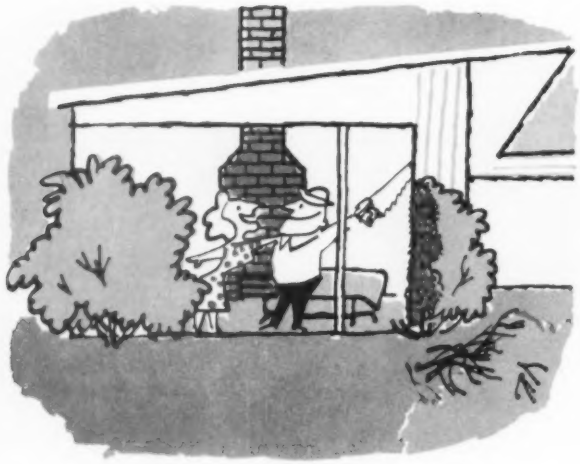
To enjoy several weeks of peony and iris duets, plant iris that are rated midseason and late in blooming. Pair them with the early hybrid peonies (pictured) and other early and midseason kinds. Choose your new iris soon; plant roots in late summer.

Iris are also handsome growing under the outermost tips of small flowering trees. This is a branchy young Paul's Scarlet Thorn. The creamy-yellow iris is Moonlight Madonna.

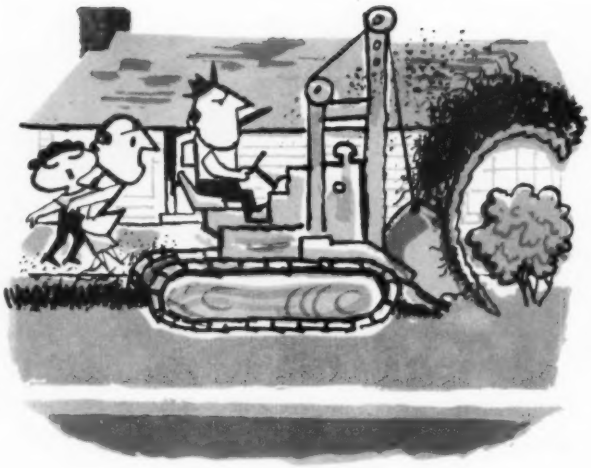
Gay Lavinia is the white iris with the gay red beard in upper center of each lower petal. In iris language these are the "falls," the three petals above are called the "standards."

The best-known iris are of the Tall Bearded class whose members deserve the description *fabulous* because of their size, colorings, weather-resistance, and general, all-around good behavior. But they aren't the only ones! Rating less for over-all size and for range of colors, but equally well-behaved as garden subjects, are the iris classed as Siberian. The brightest Siberian iris in this flowery corner is Eric the Red. Caesar's Brother is the darker one behind the Tall Bearded variety Cloth of Gold. To right and forward of the flame azalea are creamy Desert Song, shining gold plated Zantha, and a single bloom of the very new variety called Frost and Flame . . . Just look at that fiery beard!

Owner: R. M. Cooley



Through a glass darkly. It'll take drastic action to keep the picture in this picture window. Shrubs get wider, taller, bigger each year—windows don't.



What price progress? You'll appreciate new water and sewer lines more if you anticipate the mechanics of installation. Talk with city engineers before you plant.

DON'T PLANT TROUBLE

IF THESE 10 TRIALS of suburbia seem quaint, don't be deceived. They are based on actual case histories—only the names have been changed to protect the innocent.

These problems, though flamboyantly clear, have no easy solutions. They have their roots in time, and only time (or money) will cure them. We review them with the hope you may avoid similar mistakes the next time you pick up a spade.

For these trials do start with a spade, and with the failure to realize that a 2-foot hole in the ground can give you trouble 20 feet up or 6 feet to one side.

Paul Bunyan's slingshot. Look up, up, up when you plant a tree—that's where they head. Utility lines get priority on air space; trees end up with holes in their heads.

Neither snow, nor rain. Don't smother your house with foliage, hiding porch light, house number, and mailbox. Give visitors and mailmen a break, not a machete.

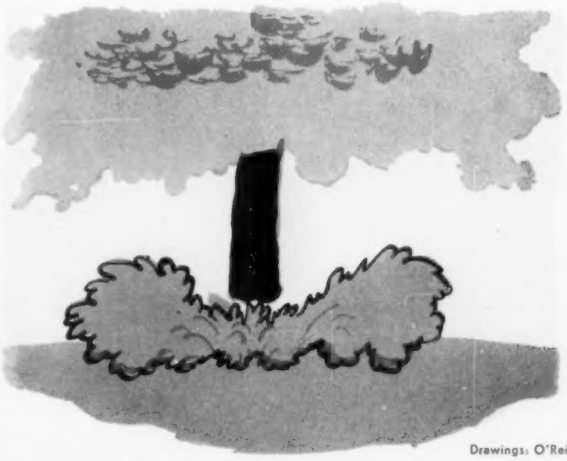
Get a horse. Don't block the driveway view—the wife you save may be your own. Shrubs get taller each year—cars get lower. Keep a 20-foot safety zone by street.

A thorn by any other name. Barbed wire and brambles make fine barriers. Don't plant 'em where you'll hit 'em. Your wife saves her nylons, deliverymen won't need chaps.

Pipe down. It's legal. There's a maze of pipes and wires beneath each city lot. When it gets out of whack, it's gotta come up. Don't plant over sources of trouble.

It's not raining rain. Don't plant litter-dropping trees for terrace shade if you like your coffee straight. Good ones to avoid: mulberries, catalpas, walnuts.

Steady, there, steady. Permanent chimneys, fireplaces, and barbecue pits don't spread out, but trees do. Look ahead in time to what will be—it's reasonably predictable.



Drawings: O'Reilly

The case of the sway-backed hedge. Neat, trim, uniform hedges must have uniform growing conditions. If a tree shades the middle, the middle won't match.

After the remodeling, Ruud moved his commercial-art business up from the dining room. This handsome studio disappears into the walls when the attic is used for entertaining. The old window was replaced with a window wall. Careful planning made every inch of storage space accessible.

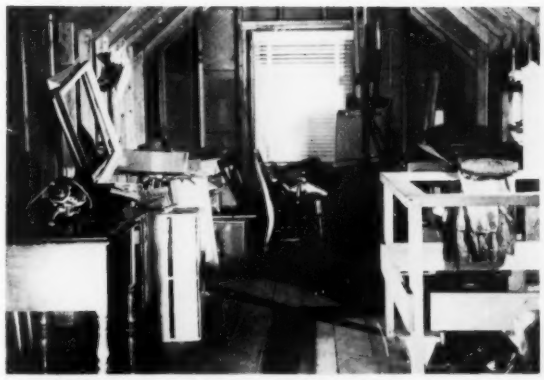
Mrs. Ruud uses this half of the room for her art hobby, as sewing, reading, and sleeping space, and for entertaining. The old chimney was left exposed to carry out an Early American theme. The soffit creates a lower ceiling effect—nearly always a problem in attic remodelings.

Photographs: Bill Hedrich; Hedrich-Blessing. Decorator: Sarah Pagoria

A family room in the attic!

The Herbert Ruuds of Libertyville, Illinois, considered the idea of an attic family room. Neither a ground-level addition nor a basement remodeling was possible in their small home. The attic was the only place to go for the room they needed.

These photographs show how this "wasted" space was converted into a room for work, recreation, and sleeping . . .



BEFORE. Attic was stuffed with castoffs, articles slated for eventual disposal. When guests stayed overnight, the Ruuds moved up here to a fold-out studio couch.

With the top opened and latched to the wall, this sink is handy for washing out paintbrushes—it's also a great serving convenience. Note the mirror mounted under the top. Ruud did most of the work in the remodeling, using stock lumber and hardboard sheets. (Closet in background stores out-of-season clothes.)

Unusual stair well treatment offers important counter space for television and serving, plus a bonus of cabinet storage for bedding. Light-colored floor tile (see photograph at left) contrasts with dark tiles and helps set off functions of room. Counter top was built with laminated hardboard.

$125,000 "How's Your Home?" Contest closes June 30th

Dealers and contractors who display this emblem can help you with your project and supply contest guides and information.

More on page 121

A family room in the basement!

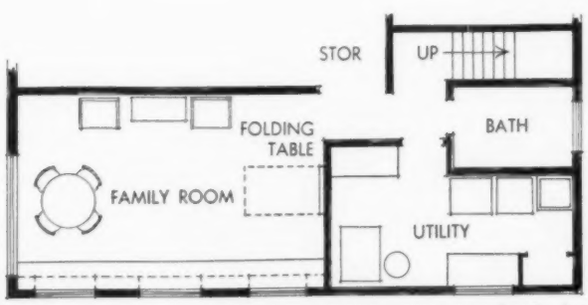
BEFORE. Boxes and boxes of stuff!—how many on *your* basement floor? This kind of storage is messy, confusing, space-wasteful. Unfinished appearance discouraged any real use.

The Jack Ragers of Morton Grove, Illinois, discovered they had room right under their feet . . . in a basement wasted on old flowerpots, fruit jars, and dusty cartons. They transformed that space into an attractive family room—now host to more work and play hours than any other spot in the house. Even if your basement's already doing double-duty (or if you haven't one), check these recreation and storage ideas with what you have or should have

AFTER. Snacktime's no problem in the new Rager family room. Fold-up table can be a "munch" counter. Hooked "horns" (above Mrs. Rager's head) hold it flush against wall when not in use. Top of table is plastic-finished hardboard—same as work space at right. Potted plants fit in holes in window ledge.

Photographs: Suter, Hedrich-Blessing

Any day is hobby day for the Rager Cub Scouts—when they have this family-room corner for a "den." Table is both a durable workshop and project-accumulator. The boys watch their own TV here, out of parents' hearing. Set is mounted on perforated hardboard.



The Ragers' new family and utility rooms are in lowest level of a split-level house, just a few steps down from the kitchen.

More photographs on page 129

Cheery, colorful, livable—the Ragers vote new basement family room their favorite! The boys turn out craft projects in their own mess-up corner. Big built-in storage cabinets line long wall; eye-level bookshelves make the most of between-window space, emphasize the room's clean lines.

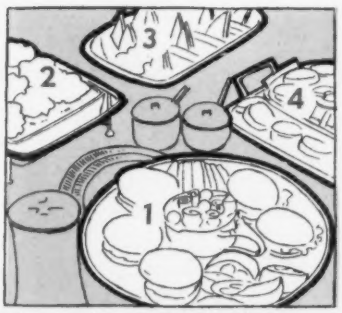
Underside of fold-up table has tempered hardboard face to suit jaunty mood of room. Model planes find a ready-made landing strip on hooks along wall. Acoustic tile ceiling soaks up "discussions" on which plane is whose. Full-length trough provides ample room light, hides unsightly heating duct, too.

Banquets with canned meats

A GOOD MEAL is no farther away than your can opener! And when you have a wide variety of canned meats on call, you have an equal number of quick "banquet" possibilities—you could have 100 or more! That's how many different kinds of meat dishes await you on market shelves—ready to heat—or to chill—or to dress up as in our picture. There are big cans, little cans; gourmet items like Swedish meat balls, everyday hamburgers and stew.

Here we feature these canned-meat standbys: luncheon meat; deviled ham; sliced beef and gravy; and corned beef. We tucked two into casseroles, made hot sandwiches of the others. Try them for easygoing cooking!

Recipes on page 104



1 Corned-beef Bunwiches—heat in foil

2 Hurry Supper Bake beef and gravy, instant potato

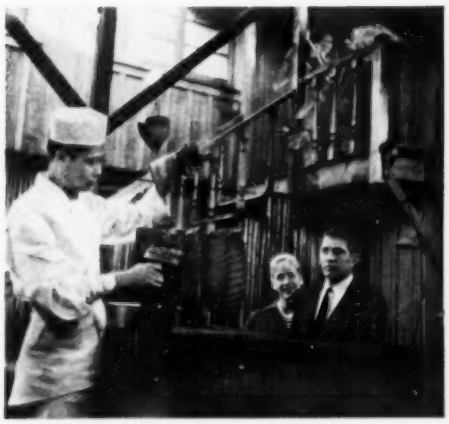
3 Ham Sandwich, Spring Style—cheese, asparagus

4 20-minute Casserole Roast of luncheon meat!

Photograph: Allen Snook, Inc. Accessories by Fae Huttenlocher

Famous foods FROM *famous places*®

Copy Trader Vic and have the time of your life with casual parties, Polynesian style. Wonderful food —exotic, different. Fun, too. To cue you in is Victor J. Bergeron—owner-manager of the famous San Francisco and Oakland "Trader Vic's"



Chinese ovens at Trader's do superlative barbecue job. Guests watch chef brush sides of spareribs with sauce. Chicken, steaks hang in ovens to smoke-cook, too.

Photographs: Frank and Dorothy Williams

By Myrna Johnston

Trader Vic adds a torch ginger flower to his *luau* table—it's covered with green *ti* leaves, centered with fruits and blossoms to set off the lavish feast.

Up front you see a platter of barbecued chicken, Baked Bananas, and sweet potatoes; a bowl of Barbecued Shrimp; serving shells of Island Spareribs and Batter-fried Shrimp. Giant coconuts offer Kona Chicken, a luscious curry; small ones hold punch.

The Trader says don't let the fancy names scare you off. Recipes are simple to follow, and all the foods are geared to the taste of mainlanders.

Luau Punch is lovely June Uyeda's greeting to guests. Bowl is big salad-oil can concealed by ti leaves and flowers. Trader's advice: Improvise your punch bowl—could be wood keg, ice cake, hollowed-out log—and formality goes out the window.

Recipes start on page 146 ***More on next page***

Famous foods from Trader Vic's

Chinese dolls in authentic costumes come from Trader's, show off his salads

Diamond Head—a gem of crab salad with hearts of romaine, avocado, asparagus, tomato, egg. Monkeypod bowl holds Trader's Dressing.

The Outrigger. It's a boat of cucumber laden with seasoned shrimp and crab on a sea of cottage cheese. Fresh asparagus is her outrigger.

Recipes start on page 146

In the Garden Room at Trader Vic's you can have the fun of eating raspberry-pineapple sherbet from abalone shells. Sprinkle snowy coconut shreds atop.

Spear tidbits from the centerpiece of Royal Tropical Fruits on Ice—wedges of pineapple and papaya, cherries, kumquats, berries. Nice way to serve fruit at home, too.

Waikiki Salad—pineapple half heaped high with lush fruits. Glamor touches: bed of chipped ice, a fragrant gardenia—and Oahu Spice Dressing.

Calcutta. An intriguing mold of Chutney Aspic, cool with lime and hot with spice. Pipe on cream-cheese trim and serve with mango and papaya slices.

Kau-kau table—scrumptious appetizers. On compote: crisp Batter-fried Shrimp, Island Spareribs, crunchy Water Chestnuts and Chicken Livers wrapped in bacon. Dip hors d'oeuvres in the Red Sauce and Chinese Mustard on your butterfly plate.

Toast a Po Po (on stick) over the miniature hibachi, left. Some flavor! And sip Beach Boy Punch from ceramic coconut.

Chinese specialties. Guests at Trader's like to order a variety of dishes, and then sample some of each.

That's Shrimp Foo Yong being served from Oriental chafing dish. Front, at left: Chinese Peas and Water Chestnuts. At rear: Teriyaki—sirloin squares on split bamboo. Under silver cover: Chicken Almond. The Chinese Fried Rice goes with all.

How-to pictures on page 85

From Maytime's garden row

GO AHEAD and be frivolous about spring vegetables—it costs little right now to have the best—with a big flavor plus. The place to save is in the cooking—be skimpy about the amount of water and the time in the kettle. That way you'll guard the vitamins and minerals for your family. On these pages, we bring you garden representatives. Welcome them at your house.

Recipes on page 114

Creamed New Potatoes and Peas fill the vegetable dish with old-fashioned goodness. Nothing else tastes quite so spring-y! To cream them, we used what we call the Saucemaker, a happy revival of the butter-and-flour roux.

Keep a few days' supply of the Saucemaker in your refrigerator—wooden bowl holds sunny mixture. Just add to hot milk, cook few minutes—quicker than making a white sauce from scratch.

For gently herbed vegetables, try our Dutch Dill Potatoes and our Garden Peas in Cream. Delicious!

Photographs: Allen Snook, Inc.

Asparagus with Easy Hollandaise—here's one glorious way to bring spring to your table. We offer six more serving suggestions in full fling with the season—it's only a few short weeks for fresh asparagus. And we tell how to cook the spears tender, and still have them "keep their heads."

Salad greens are an inspiration even in a kitchen colander! Beauty treatment: Shower well, pat dry, chill. Flavor make-up: tangy dressing, fresh-ground pepper, piquant herbs and robust garlic. Buy dressing ready-made or stir up one of ours.

You'll want to serve most salads cool as ice, but don't forget good, old-time Wilted Lettuce with Bacon.

Here's an idea!®

By Patricia Fenton

HERE ARE some wonderful decorative accessories that you can make yourself with odds and ends often found around the house. Or if you've disposed of all your castoffs, see what else you can find to serve similar purposes. They're really excellent budget-stretchers

View of living room gives you the feeling of this decorator's home, where the old blends with the new, originality and charm prevail. Soft light filters through the tall, shuttered windows. Their height is balanced by built-in bookshelves, extending all the way to the beamed ceiling.

Photographs: Weymouth. Owner: Virginia Lewis, A.I.D. Data: Elizabeth Clemons

Two screened doors, joined together with piano hinges, form an attractive room divider.

Thin muslin, drawn taut and held in place by molding strips, replaces screening. Separating hall from living room, it also forms a wall against which the teacart can be placed.

A pair of glass bricks and a salvaged slab of marble form this distinctive table.

Or you could use a piece of open-grained wood, or an old table top cut to size and covered with decorative adhesive-backed plastic. A pair of 12-inch glass bricks costs only $5. White leather cushions provide decorative accent.

A wire basket makes an unusual table base. This one formerly encased a chemical bottle, but you could find something similar. Paint it black or a color that blends with your furnishings.

For safety's sake, glass top shouldn't overhang too far. Friction tape or double-faced adhesive will hold glass top in place.

20-MINUTE SOUPER SUPPERS

Campbell's Soups add flavor, and save you time in creating these 4 souper suppers!

Tuna à la Queen so easy with Cream of Mushroom Soup. Blend 1 can Campbell's Cream of Mushroom Soup with ½ cup milk in saucepan; stir in 7-oz. can drained and flaked tuna, 1 cup cooked peas, and 1 tbsp. chopped pimiento. Heat. Serve over 8 refrigerator biscuits or toast slices. 4 servings.

Burgers with yum-yum Onion Soup gravy. Fry till done 4 burgers (1 lb. ground beef). Remove meat from pan. Blend 2 tbsp. flour into drippings; stir till smooth. Blend in 1 can Campbell's Onion Soup; heat, stirring until gravy thickens. Pour over meat. Serve to 4 — with fluffy mashed potatoes.

Tomato Soup Barbecued Franks—terrific! In skillet cook till done ½ cup each chopped celery and onion in 2 tbsp. shortening. Add 1 lb. franks (cut into ½-inch slices), cook till light brown. Stir in 1 can Campbell's Tomato Soup, ½ cup water, 1 tbsp. Worcestershire sauce. Cover; cook about 10 min. Meanwhile, cook 6 oz. spaghetti. Serve together. 4 servings.

Creamed Chicken so quick with Cream of Chicken Soup. Cook 1½ cups green beans. Separately cook till soft ¼ cup chopped onion in 2 tbsp. butter; stir in 1 can Campbell's Cream of Chicken Soup, 1/3 cup milk, 1 can Swanson Boned Chicken and 2 sliced hard-cooked eggs (save some slices for garnish). On 4 slices of buttered toast, spoon beans and chicken mixture.

Good cooks cook with *Campbell's Soup*

with double-rich Pet Milk and chocolate pudding...

It's magnificent frosting, smooth-spreading, creamy to touch and taste—and you can make it in minutes. Or make candy, professionally perfect, from the same recipe. Double-rich PET and a package of pudding help you do it easily—there's no guessing, no soft-ball testing, no tedious beating. PET, with pudding, makes chocolate-lavish, luscious frosting and candy no other form of milk could make. Like all good things made with PET, this is cooking the carefree way! WRITE FOR "CAREFREE COOKING"—your free Pet Milk recipe book. Send a card with name and address to Pet Milk, 1618-B Arcade Bldg., St. Louis 1, Missouri.

CHOCOLATE FROSTING

1. Mix well in a heavy 1½-qt. saucepan **1 pkg. Chocolate Pudding** (not "instant" kind), **1 cup Sugar** and **½ cup PET Evaporated Milk.** Cook and stir to a full, all-over boil. Lower heat, stir and boil slowly for 3 min. Take off heat.

2. Without stirring, add **1 Tablesp. Butter** and let cool 10 min. Then stir until mixture is very thick.

3. Add **2 teasp. PET Evaporated Milk,** and stir until thick enough to spread on a cool Skillet Cake (see opposite) or 1 layer of cake, 13x9 in. See tip below.

CHOCOLATE CLUSTERS

Follow recipe for Chocolate Frosting through Step 2. Then stir in **1 cup small, salted Peanuts.** (OR omit peanuts, and fold in quickly 1½ cups midget Marshmallows.) With 2 teaspoons, drop candy quickly onto waxed paper. Makes 24. See tip below.

For Skillet Cake: Use cake mix. Follow package directions, but bake in a 10-in. copper or aluminum skillet 50 to 60 min., or until cake pulls from sides.

TIP: If frosting or candy becomes too stiff to spread or drop easily, stir in a few drops of PET Milk.

DOUBLE-RICH PET...HANDIEST MILK YOU CAN GET!

To you—from PET—top TV entertainment! *Enjoy RED SKELTON and EDGE OF NIGHT over CBS-TV... consult your local newspaper for station and time.*

"PET"—Reg. U. S. Pat. Off.
Copr., 1958, Pet Milk Co.

Famous foods from Trader Vic's

Begins on page 76

How-to for Shrimp Foo Yong

Trader's chef has these already in his mixing bowl: chopped mushrooms, green onions, and water chestnuts; also bamboo shoots.

Now in go tiny shrimp from the Pacific—they are precooked and cleaned. If you are using larger shrimp, cut them up in pieces.

Add crisp bean sprouts—drain well first if canned.

Break the eggs atop the other ingredients in your bowl. Toss mixture lightly to break yolks and blend with whites.

Dash in salt and Chinese flavoring powder, also called monosodium glutamate.

Heat your skillet, pour in salad oil and get it hot. Now ladle in egg mixture—about ⅓ cupful—making the cakes 3 to 4 inches in diameter.

Fry the Foo Yong over high heat, turning cakes once.

The cakes should be thick, tender, delicately browned. Lift them gently from the skillet to hot platter. Pass bowl of Foo Yong Sauce.

Foo Yong doesn't have to be shrimp. You can use diced cooked chicken or barbecued pork—or whatever you like.

Recipes on page 146

More on next page

Real lemonade . . . *real* easy . . . *real* good . . . with **REALEMON**! We squeeze . . . you pour!

REALEMON* reconstituted Lemon Juice makes thirst-quenching lemonade in seconds—a glass or a pitcherful. So simple to make . . . just pour **REALEMON** from the bottle, add cold water, sweeten to taste. Buy **REALEMON** Lemon Juice today, enjoy frosty lemonade all summer long. Easy, speedy, delicious. Weight watchers . . . *you* sweeten it exactly the way *you* want it. Get a big bottle of **REALEMON** Lemon Juice today!

REALEMON in Salads: Make cooling salads and dressings with tangy REALEMON . . . fewer calories, too!

REALEMON in Desserts: So easy to make pies, cakes, custards with REALEMON—just pour your lemon juice!

New "Plastic" Lemons: Natural strength juice in ready-to-use plastic squeeze "lemons" and "limes", they sit flat.

we squeeze ...you pour!

A product and Reg. T.M. of REALEMON-PURITAN CO., Chicago 9, Ill., San Fernando, Cal.

***REALEMON** is natural strength lemon juice, not a concentrate. "RECONSTITUTED" is your guarantee of uniform strength—uniform flavor in every drop.

Imported
SPANISH GREEN OLIVES
add dash to any dish!

Famous foods from Trader Vic's

Continued from preceding page

Chinese Peas With Water Chestnuts

Fry thinly chopped fresh pork in a little hot salad oil in saucepan. (Here chef cooks in a Chinese wok. It has a round bottom, fits on cooking ring that holds it level. Or wok can go directly over an hibachi.) Next add sliced water chestnuts, as in the picture above.

Toss in Chinese peas, a variety so crisp and tender you eat them pods and all. (These podded sugar peas are a favorite with home gardeners.) At Trader's, every chef has handy a tray with soy sauce, monosodium glutamate, salt, sugar, peanut oil, and cornstarch-water mixture.

Add seasonings and chicken broth. Cover wok and steam peas over high heat just till crisp-cooked — no more! Quickly thicken with cornstarch mixed with cold water.

Trader Vic's recipes start on page 146

Revolving Shelves and big Roll-Out Freezer put all foods at your fingertips!

Only "Straight-Line" General Electric Refrigerator-Freezers give you these features!
Plus . . . no coils in back, no dirt-collecting waste space!

Big zero-degree Roll-Out Freezer glides out at a touch, holds up to 175 pounds of food. Foods are easy to see, easy to get at.

Adjust revolving shelves to hold a pie or bulky turkey. Press button, turn shelf to adjust up or down.

Revolving Vegetable Bins turn out at a touch. Two large porcelain bins hold nearly a bushel of vegetables.

REVOLVING SHELVES make all other shelves old-fashioned. So much space for food . . . and all at your fingertips. Just a *touch* brings the food in back right out to the front. No hard-to-reach corners!

And everything's so easy to clean. You never have to remove shelves *or* food. Just revolve the shelves to one side to expose the refrigerator walls. Shelves are sturdy, too. Each one supports as much as 150 pounds.

The big refrigerator section defrosts *automatically* . . . no pans to empty, no clocks to set, no buttons to push.

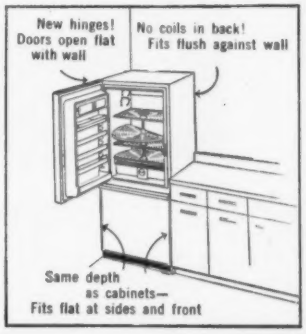
Added feature of the new General Electric is the handy Ice Ejector Trays which drop cubes into a large storage container in the top of the Roll-Out Freezer.

Ask your General Electric dealer about his easy terms and generous trade-in allowance. Household Refrigerator Department, General Electric Company, Appliance Park, Louisville 1, Kentucky.

Cleaning problem solved with "Straight-Line" design. No dirt-collecting waste space. Sides, top, back are flat and straight. Front lines up evenly with cabinets. Does not stick out.

* * *

Today, more than 4,000,000 General Electric Refrigerators are in use 10 years or longer!



Progress Is Our Most Important Product

GENERAL ELECTRIC

We've found a way

The heart-warming

But now you can make them so and choose from four entirely

Do you remember how good they were—the hot muffins your mother used to whisk out of the oven? The very *sight* of them warmed your heart. Just slightly crusty on the bottom. Bursting with light yellow goodness above. And when you picked up a steaming muffin—and broke it open—remember how tender and light, and fine-textured it was? With these new Betty Crocker mixes you can bake just such glorious homemade muffins. But

NEW ORANGE MIX—they're lightly, delicately flavored with the warm sunny essence of fresh-picked oranges. A new taste-tempter in muffin mixes!

NEW DATE MIX—you'll find delicious little pieces of softened dates sprinkled through each cloud-light muffin. So rich and moist it needs no spread or jelly.

to bring to you...

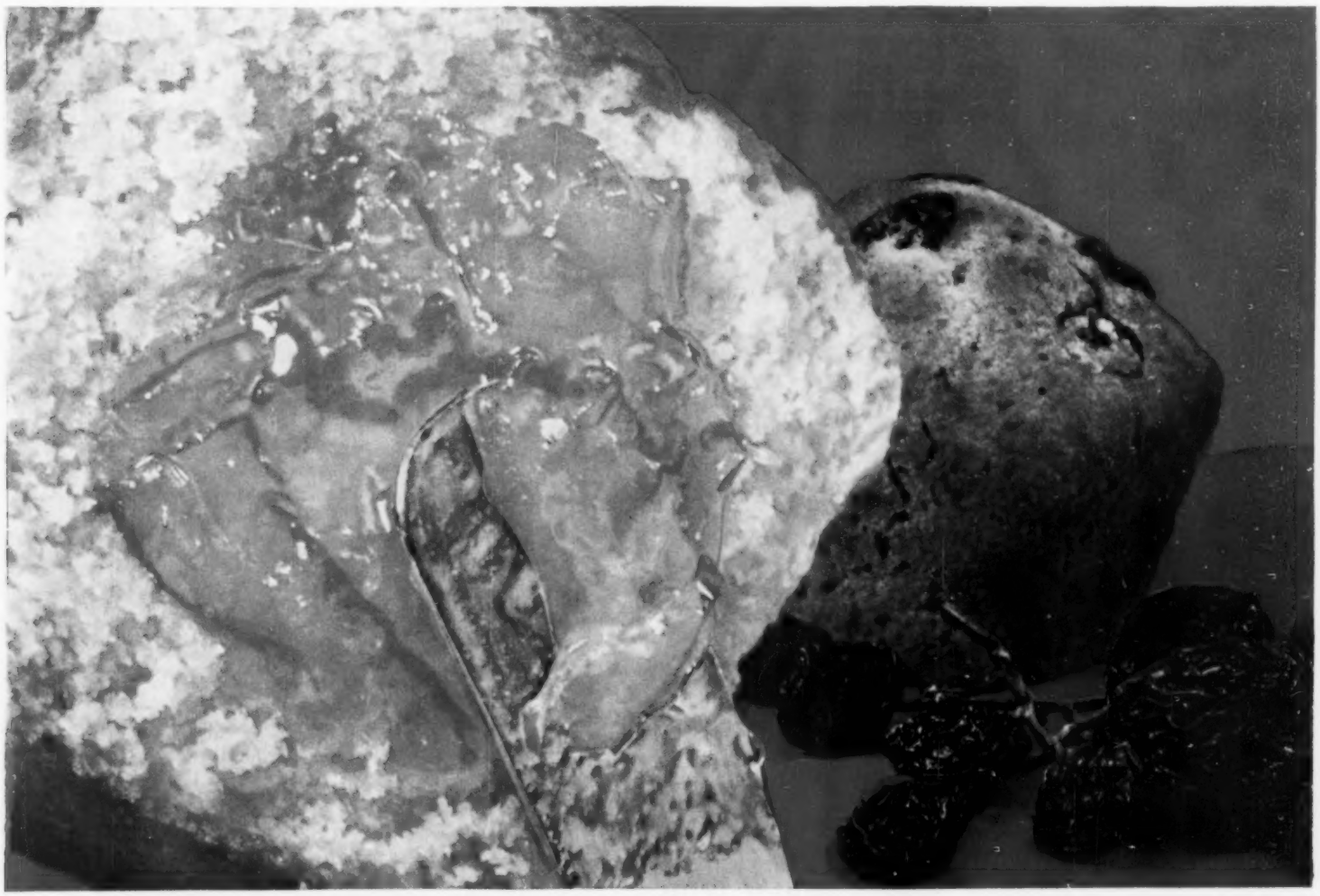
muffins of long ago!

easily with my new mixes... different flavors – Betty Crocker

quickly! In a twinkling they're out of the package and into the pan – even if you've never baked a muffin before. Try any one of the new Betty Crocker Muffin Mixes. See how your homemade muffins make supper a happier, warmer, more festive meal.

The new muffin mix box contains two separate laminated packets. Each one holds enough mix for six average-size muffins. For small families, one packet is plenty.

Betty Crocker's New Muffin Mixes are guaranteed to come out perfect, or send box top to Betty Crocker, Box 200, Minneapolis, Minn., and General Mills will return your money.



NEW CORN MIX – you'll notice that they're finer-textured, more moist than most... with the wonderful pure corn taste that goes so happily with butter.

NEW RAISIN-BRAN MIX – this fine, old-time favorite was a chore for your mother. Now *you* can stir and bake while the coffee perks.

WATKINS VANILLA

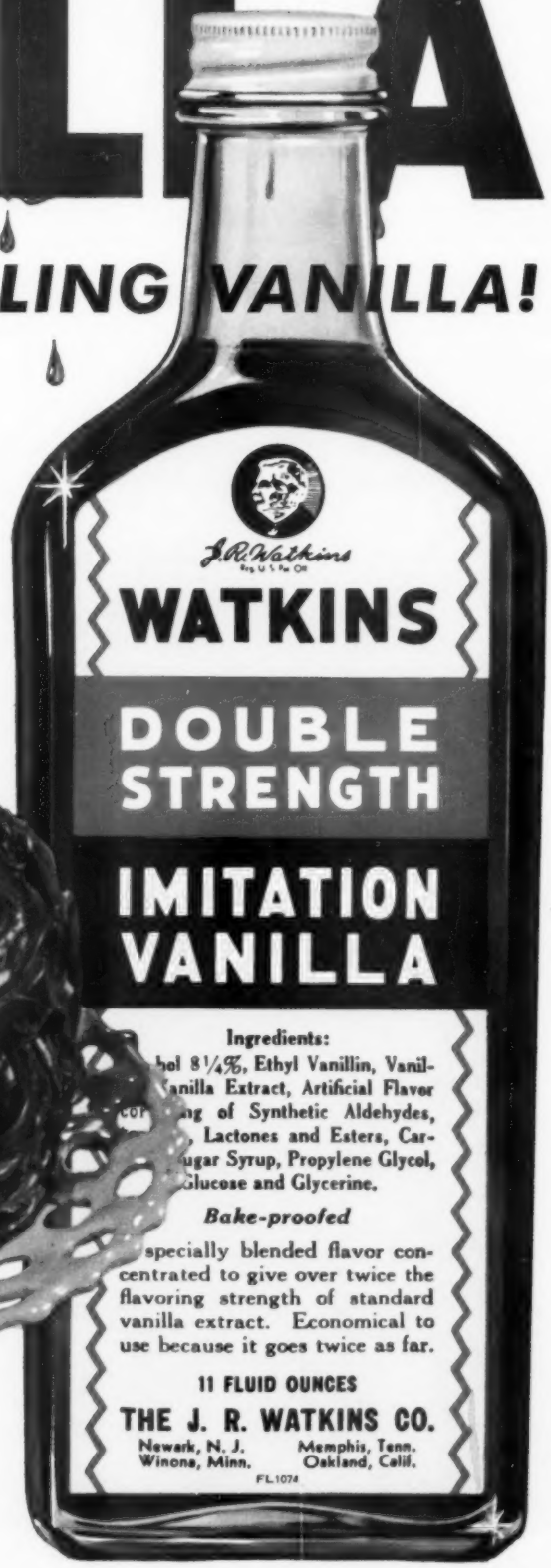
WORLD'S FASTEST SELLING VANILLA!

More homemakers use Watkins famous Vanilla than any other brand in the world. Four generations of women have found that Watkins Double Strength Vanilla . . .

Tastes Better . . . Won't Bake Out . . . Goes Twice As Far

That's why Watkins is the *world's favorite Brand!*

90th ANNIVERSARY SPECIAL . . . In celebration of Watkins 90th Jubilee year, your Watkins Dealer will be calling on you soon with a money saving Special on Watkins Vanilla. Take advantage of this generous offer and stock up now. If your Watkins Dealer has been missing you lately, look in your phone book for . . . **WATKINS QUALITY PRODUCTS**



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To save you looking time

We've preshopped 1958 appliances

Like to keep posted on what's new? The editors of *Better Homes & Gardens* have gathered for you the latest in major kitchen equipment

Stair-step oven combination. Here's a startling split-level design for an electric double oven — practical, too.

Top oven handles meat — roasting, broiling, rotisserie cooking. Lower drawer-type oven with peek-in glass roof bakes pies, cakes, cookies. Units operate separately or at same time; they also can serve as warming ovens.

Ventilated grill just below control panel permits closed-door broiling. Because oven is set back, door doesn't jut into room when open.

Research determined best sizes for two ovens. Meat section will hold any roast or poultry on market. Baking drawer is 6 inches high. Unit stacks on a 24-inch cabinet.

Photographs: Suter, Hedrich-Blessing

Ranges offer new look, exciting features

Step up close to clean this oven! Door drops down when control levers on each side are released, disengaging door. Now, reaching the back of the oven is simple with door out of way. Oven drip tray and elements are removable during cleaning operation.

If not released, door opens to standard right-angle position, serves as shelf when loading, unloading oven.

More on next page

Top-of-range "chameleon" changes from rotisserie to vertical broiler to griddle or to work space! All this on a 36-inch gas range. Here, a 10-pound roast turns on spit with built-in thermometer dial that registers the internal temperature of the meat.

Two radiant-type gas burners (separately controlled) direct heat on roast. There's no spatter, no lost heat.

Vertical broiler. By removing spit and attaching two adjustable wire racks, unit will broil steaks "standing up!" Cast aluminum griddle and convenient cover complete accessories.

New wall colors you'll love!

. . . and painting is so quick and easy with Super Kem-Tone. This amazing velvet-flat paint goes on smoothly with brush or roller . . . dries free of brush marks in less than an hour. It's guaranteed washable, or your money back.

AT YOUR NEARBY SUPER KEM-TONE DEALER

However you "cream" your coffee now–

You'll love the fresh taste and convenience of PREAM!

OVER THE COFFEE CUPS

by Sally Ross

"Coffee-Break" Dept.: Next time the girls come over for coffee, serve them plain doughnuts dusted with powdered sugar, cinnamon, or nutmeg. Delicious!

And if they like their coffee "with"... they'll *love* it with Pream! Its fresh flavor makes a good cup of coffee taste even better. (That goes for tea and cocoa, too.)

Extra creaminess! Pream® is made from fresh, sweet cream and other milk products, by the exclusive Pream process.

Extra convenience! Pream keeps its fresh taste *without refrigeration.* And New Economy Size Pream "creams" up to *70* cups of coffee . . . so economical!

When it comes to cooking... more and more smart gals are using Pream every day in so many of their favorite recipes. Try this wonderful Pream-tested frosting:

PREAM-Y CHOCOLATE FROSTING
So-o-o good and so fast!

Combine 3 tbsp. Pream with ¼ tsp. salt and a 1-lb. pkg. of confectioners' sugar. Add 3 tbsp. soft butter or margarine, 2 squares melted baking chocolate, 1 tsp. vanilla and 3½ tbsp. hot water. Blend thoroughly.

FREE! "Quick Modern Recipe Folder." Write to: Sally Ross, PREAM, Box 447, Columbus 16, Ohio.

© 1958, H. C. Moores Co.

We've preshopped 1958 appliances

Begins on preceding page

Restyled refrigerators, freezers

Pivoting shelves and crisper in this refrigerator swing out more than halfway—no lost food problem here!

Attached to pole at right side, each shelf may be adjusted to any height—while still holding food. Lightweight shelves move easily even with heavy items on board, can be removed from their sturdy frames to serve as trays for salads, desserts.

No frost to defrost! Refrigerator-freezer contains a new cooling system.

Cooling coils are outside compartments; blower moves cold dry air in, and circulates it in the box to maintain an even temperature.

Packages of food in 6-cubic-foot freezer stay free of moisture and frost, too.

Lift up safety rails on freezer door shelves to get packages in and out easily. Lower rails to hold food securely in place. No worries about spills!

Center vertical bar connected to all five horizontal guardrails can be locked in up position when you want to rearrange items on shelves.

More on page 98

Family dining takes on festive airs with *Golden Foliage*

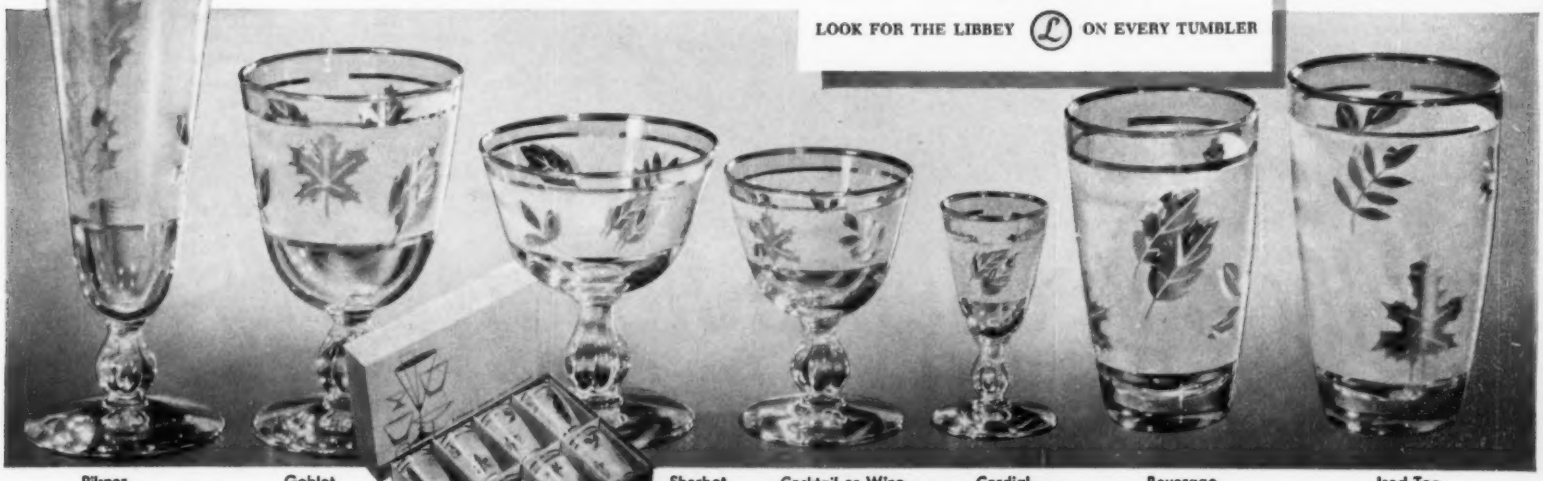
...in Libbey every-day crystal

Shimmering golden leaves on a band of pearly frosting—can't you picture the gaiety and sparkle Golden Foliage glassware by Libbey will bring to your family table? Rimmed and trimmed in 22K gold—these glasses are so handsome your family will want to use them *every* day. And they can!—each sparkling piece has the famous Libbey chip-defiant rim.* Take your pick of 7 sizes—8-of-a-kind sets are only about $4.00 to $6.50. All beautifully gift-boxed, too!

Gay and Gala—that's the exciting look Libbey's sparkling Golden Foliage glasses bring to family dining! (Royal Jackson "Ambassador Mocha" china; International "Silver Rhythm" sterling)

*If the rim of a Libbey "Safedge" glass ever chips, Libbey will replace the glass. At all leading stores. Prices slightly higher in South, West and Canada.

LOOK FOR THE LIBBEY (L) ON EVERY TUMBLER



Pilsner | Goblet | Sherbet | Cocktail or Wine | Cordial | Beverage | Iced Tea

Beautifully Gift-Boxed!

LIBBEY SAFEDGE GLASSWARE
AN (I) PRODUCT

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GENERAL OFFICES • TOLEDO 1, OHIO

Kraft gives you the HANDY SLICES with

really rich cheese flavor!

Why do Kraft De Luxe Slices taste so much better than others you may find in the grocer's dairy case? . . . *It's simple.*

Kraft cheesemakers are very fussy about the natural cheeses from which they make these handy pasteurized process cheese slices.

For example, it takes **fine natural cheddar cheese** to give such flavor as you get in Old English brand. And only truly nut-sweet natural Swiss can make the Kraft De Luxe Swiss slices so good! **That's why they are called Kraft De Luxe Slices.**

That's why your cheese sandwiches taste so extra good when you use the handy slices marked **Kraft.** Try 'em all: *American, Pimento, Old English brand, Swiss, Brick, and Muenster.*

EIGHT GENEROUS SLICES
EIGHT FULL OUNCES

Better Homes & Gardens Prize Tested Recipes

Ways with lamb

File under Meats

Snow-capped Lamb Chops

Pretty as a spring garden—sour-cream topping adds a delightful tang—

6 ½-inch shoulder or sirloin lamb chops
1 can condensed consomme
½ teaspoon thyme
½ cup chopped celery
½ cup sliced green onions and tops
• • •
1 3-ounce can (⅔ cup) broiled chopped mushrooms
3 tablespoons enriched flour
1 tablespoon parsley flakes
• • •
1 cup dairy sour cream

Slowly brown chops in small amount hot fat; sprinkle with salt and pepper. Drain off fat. Add next 4 ingredients. Cover; simmer 30 to 45 minutes or till meat is done. Stack chops to one side. Drain mushrooms, reserving liquid. Stir mushroom liquid slowly into flour, and blend; gradually stir into consomme and cook, stirring constantly, till thick. Add mushrooms and parsley. Top chops with sour cream; cover and heat, about 3 minutes. Sprinkle with chopped onion tops. Makes 6 servings.

Betty Ferris, Los Angeles, California

Cut along dotted lines

Photographs: Mike Nelson

Marshmallow treats

Praline Sundae Sauce

This smoothie stays that way on ice cream—doesn't harden or string—

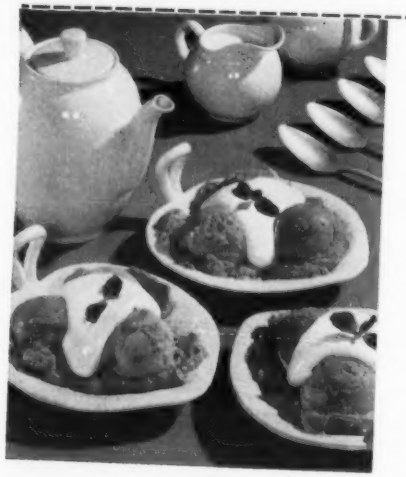
1¼ cups brown sugar
1 cup light cream
¼ pound (about 16) marshmallows
Dash salt
• • •
¼ cup butter or margarine
• • •
1 teaspoon vanilla
⅓ cup broken California walnuts or pecans

Combine brown sugar, cream, marshmallows, and salt in a 2-quart saucepan. Heat, stirring constantly, until brown sugar dissolves and mixture comes to boiling. Then cook over medium heat 8 to 10 minutes (or till candy thermometer reaches 224°). Remove from heat; add butter. Cool slightly; add vanilla and walnuts. Serve warm over ice cream. (You can keep extra sauce in refrigerator; heat before serving.) Makes 2 cups.

Mrs. C. David Lunden, Tacoma, Washington

Add these pages to your COOK BOOK

File under Desserts



Cranberry Marshmallow Freeze

Party-pink and so refreshing. Use cranberries stashed away in your freezer or remember this for the holidays—

2 cups cranberries, fresh or frozen
1½ cups water
• • •
¾ cup sugar
1 cup marshmallow creme
• • •
½ cup heavy cream, whipped

Cook cranberries in water till skins pop; put through a food mill or sieve. Add sugar and marshmallow creme; stir until sugar dissolves and mixture is blended; cool. Freeze in 1-quart refrigerator tray until firm. Break in chunks and beat with an electric beater until smooth.* Fold in whipped cream. Return to tray; freeze firm. For a sundae sauce, top with additional marshmallow creme. Makes 6 to 8 servings.

*Or freeze till partially frozen; beat smooth with rotary beater.

Mrs. Joseph Aliano, North Arlington, New Jersey

A-B-C Dessert Salad

It's that easy! Three layers are put together at one time—

1 No. 2 can (2½ cups) pineapple tidbits
1 package lime-flavored gelatin
• • •
2 cups tiny marshmallows
1 cup heavy cream, whipped

Drain pineapple, reserving syrup. Add water to syrup to make 2 cups; heat to boiling; add gelatin and stir to dissolve. Add pineapple; pour into 10x6x1½-inch baking dish. Cover immediately with a layer of marshmallows. Spread top with whipped cream; chill till firm. Cut in squares to serve. Makes 8 to 10 servings.

Mrs. Hazel G. Maehling, Terre Haute, Indiana

Chocolate Marlow

Smooth as velvet. Each bite coaxes you on for another—

¼ pound (about 16) marshmallows
2 1-ounce squares semisweet chocolate*
⅓ cup water
Dash salt
1 teaspoon vanilla
1 6-ounce can (⅔ cup) evaporated milk, chilled icy cold
⅓ cup graham-cracker crumbs

In double boiler heat marshmallows, chocolate, water, and salt, stirring frequently, until smooth. Remove from heat and add vanilla. Chill till slightly thick. Whip evaporated milk until stiff; fold in marshmallow mixture. Pour into 1-quart refrigerator tray, sprinkle crumbs over top. Freeze firm. Cut in 6 servings.

*Or use ⅓ cup semisweet chocolate pieces.

Mrs. Mary Sullivan, Pittsburgh, Pennsylvania

Add these pages to your Better Homes & Gardens Cook Book

Lamb Patties with Mint Sauce

1½ pounds ground lean lamb
¾ cup quick-cooking rolled oats
¾ cup milk
1 slightly beaten egg
3 tablespoons chopped parsley
2 tablespoons finely chopped onion
1½ teaspoons salt
¼ teaspoon pepper
¼ teaspoon monosodium glutamate
• • •
½ cup mint jelly

Mix together all ingredients except jelly. Form into 6 large patties, about ¾ inch thick. Broil 4 to 5 inches from heat, about 10 minutes or till lightly browned on top. Turn patties. Broil 5 to 7 minutes longer. Serve with hot mint sauce: Heat jelly slowly, stirring occasionally, till melted. Makes 6 servings.

Mrs. Albert Broadhurst, Jr., Titusville, Pennsylvania

Favorite Lamb Stew

1½ pounds lean boneless lamb shoulder, cut in 1-inch cubes
3 cups water
1 clove garlic, minced
2 teaspoons salt
¼ teaspoon pepper
• • •
4 carrots, cut in 2-inch lengths
6 tiny onions
3 small potatoes, halved
2 tablespoons minced parsley
1½ cups shelled peas or 1 10-ounce package frozen peas

Flour meat; brown in small amount hot fat. Add next 4 ingredients. Cover; simmer (don't boil) 1½ hours or till meat is almost tender. Add carrots, onions, and potatoes; cook till almost done, about 20 minutes. Add parsley, peas. Cook 5 minutes or till done. Season to taste. Makes 5 to 6 servings.

Mrs. Ralph Wilkinson, Albion, Michigan

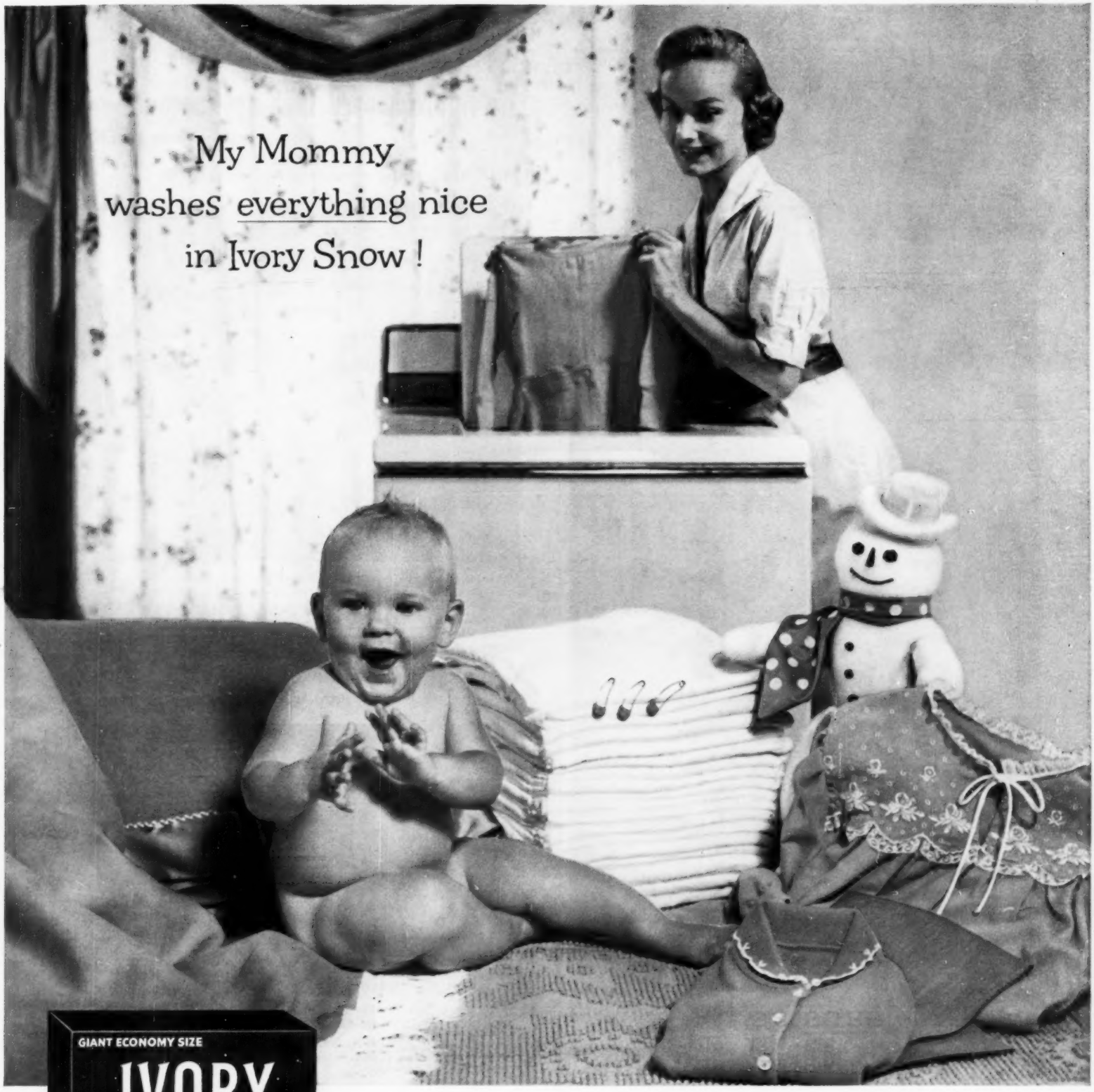
Garlic Lamb Kabobs

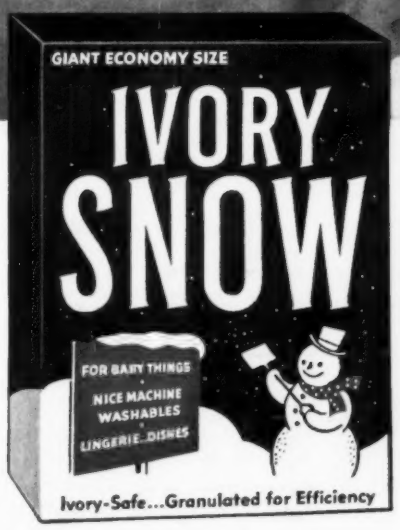
1½ pounds boneless lamb shoulder, cut in 1-inch cubes
1 cup garlic salad dressing or 1 envelope garlic dressing mix*
• • •
2 medium green peppers, cut in wedges
1 1-pound can (2 cups) small whole onions

Place meat in shallow dish; pour dressing over. Let stand, turning occasionally, 2 hours at room temperature or overnight in refrigerator. Run eight 12-inch skewers through meat fat to grease. String on skewers in this order: lamb, green pepper, lamb, onion. Broil 4 inches from heat 10 to 15 minutes, turning once and brushing occasionally with marinade. Makes 8 servings.

*Prepare mix according to package directions.

Mrs. Joyce K. Droege, Richardson, Texas





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General Foods Corporation

creamy, cleansing soap in every pad

We've preshopped 1958 appliances

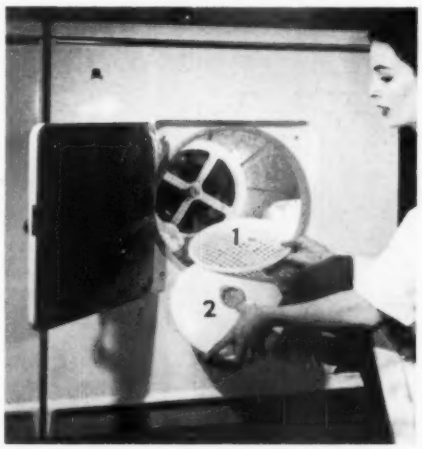
Continued from page 92

Sink high light—multipurpose panel

Back panel of sink center is loaded with helpers: Hand lotion, liquid detergent dispensers; single-lever water faucet; light; waste-disposer switch. Note tilt-out plastic storage bins. Clock timer (at right) controls one of two electric outlets provided.

Sink with panel is available in 42- and 54-inch models. Back panel can be fitted to custom-top installation with drop-in bowl.

Dryers with convenience plus



Dampen with your dryer. Remove lint filter (1) from exhaust vent at back of dryer drum. Fit water-filled sprinkler attachment (2) onto vent. Then set the dryer for no-heat.

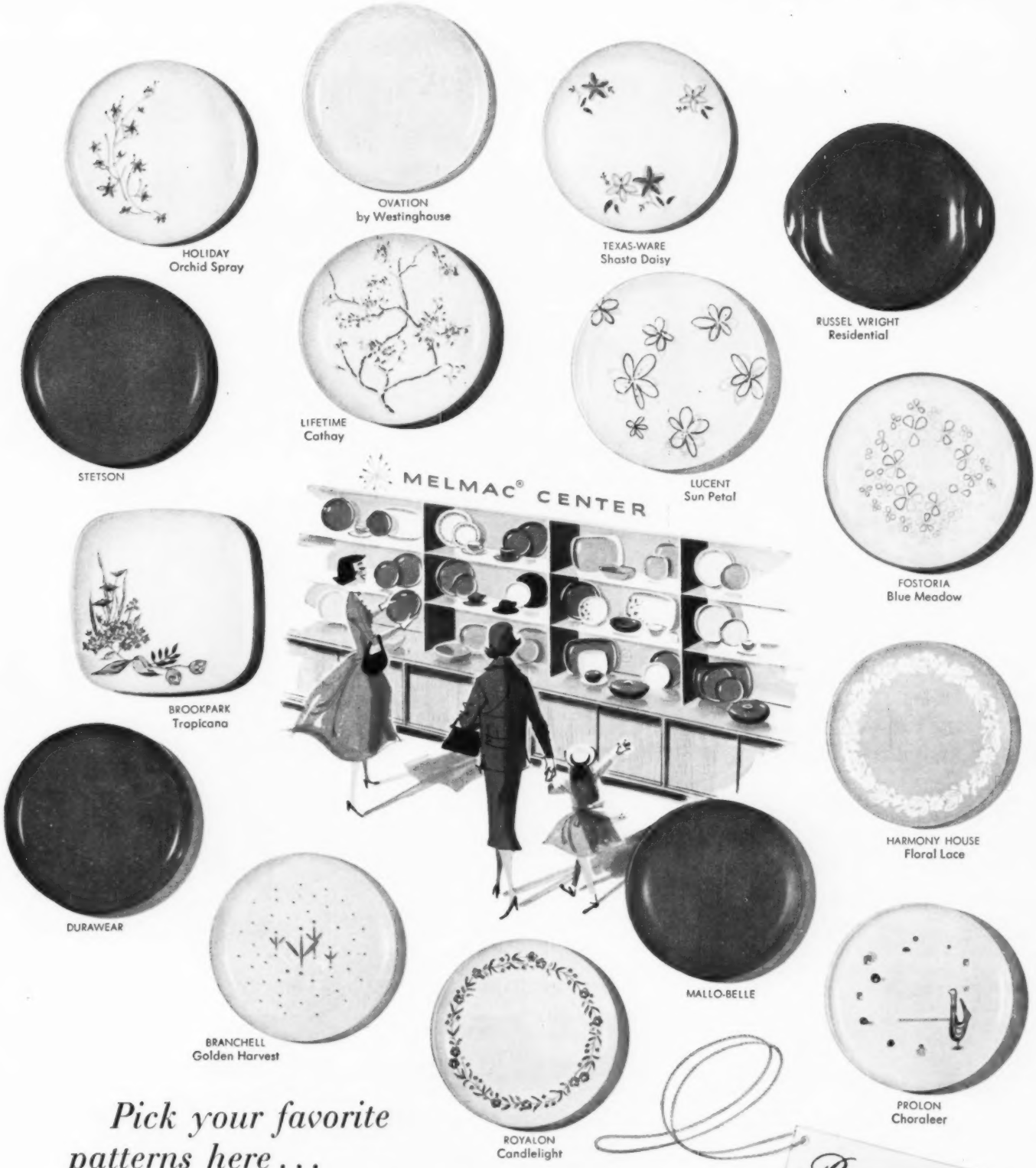
As sprinkler disc turns, water sprays out of tiny holes. Attachment cuts off drying air flow.

Banish wrinkles! Push this button for best dryer temperature to *tumble* wear or washing wrinkles out of new "wash-and-wear" synthetics.

Men's suits will retain the creases, but lose any crumpled look. No ironing necessary.

Controlled-heat treatment in dryer works fine to spruce up synthetic garments that just need touch-up pressing.

More on page 100



Pick your favorite patterns here . . . it's all break-resistant **MELMAC®**

Look at all the lovely designs, shapes and colors—each brand of dinnerware guaranteed by its manufacturer for at least a full year against breaking, cracking and chipping. There's a style and weight for every taste, in price ranges to suit any budget at the MELMAC CENTER in your favorite store. MELMAC is your guarantee of complete satisfaction. Look for the MELMAC tie-tag and the manufacturers' brand names shown above.

CYANAMID

MELMAC is the registered trademark of American Cyanamid Company for quality melamine dinnerware and other products made under American Cyanamid's standards and specifications.

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wherever you live a Myers Pump keeps plenty of pressure on tap

For necessities, conveniences or just for fun, there's no substitute for *full faucet force.* A sturdy, dependable Myers Ejecto Pump quietly provides plenty of water pressure wherever you need it. And there's no need for you to give it a second's thought. Even lubrication is unnecessary! So, before you buy a pump check the Yellow Pages and consult your local Myers pump and water systems dealer.

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1205 Orange St., Ashland, Ohio
Kitchener, Canada

We've preshopped 1958 appliances

Continued from page 98

Push-button gas range. Now you'll find a square-styled gas range with push buttons to control three top burners. Fourth burner has dial, may be thermostatically controlled, timed.

When Mother leaves for shopping trip, she may safely lock range burners with a key on back panel. Even if children reach push buttons, burners will not light without being unlocked.

Antenna and portable remote control (on top of range panel) hold surprises. Carry box control to patio or living room, and turn burners "off" or "on" by radio control!

Miniature thawing oven defrosts, bakes frozen pie to perfection. Range-top accessory thaws meats, strawberries, vegetables, desserts, five times faster than they will thaw at room temperature.

Or use surface oven for small baking jobs—like baked potatoes. Little oven fits over controlled-heat surface unit on this 39-inch electric range.

Double-deck broiler pan is new feature of this electric oven. Bottom pan holds water to keep fat that collects in top deck from burning. High sides of pan capture spatters, cut down oven cleaning.

Rack position is the same for all broiling. Just set dial on back panel of range to "rare," "medium," or "well-done" for desired results.

Improved dishwashers to serve you

Two-story water action. In this dishwasher, a flat disc between racks, and big rotary water spray below bottom rack revolve, sending out jets of water to reach and clean every dish.

Normal cycle has two 5-minute washing periods with fresh detergent, two rinses, and a drying period. No pre-rinsing necessary—just shake off loose food.

You may choose a shorter cycle with only one rinse and no drying period for a load of less-soiled dishes or utensils.

Install this appliance waist-high (as here), undercounter, or on casters as a mobile unit.

More on page 110

Meal with a view of Venice at twilight... real Italian-style CHEF BOY-AR-DEE® Ravioli

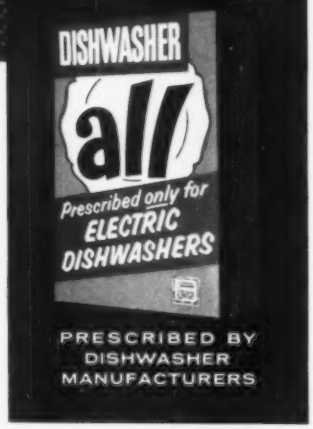
Pretty as a picture and very tasty, too! These tiny macaroni pies, filled with tender beef, simmered in tomato sauce are really satisfying! Wonderful for children's hot lunches! In the regular or large economy size... about 14¢ a serving!

Own a dishwasher?

A famous **all** *for washing clothes has met your fondest wishes, So why not let* **DISHWASHER all** *polish off the dishes?*

EVENINGS SEEM LONGER and nicer. You relax with confidence. You're glad you use DISHWASHER *all* in your electric dishwasher. You know your dishes will sparkle and gleam and really be clean. For DISHWASHER *all* is self-polishing . . . no need to pre-scrub or polish afterward.

Unconditionally guaranteed by Lever Brothers Company.



Money for your recipes

Dips and dunks; good ways with chicken

COME THE HOLIDAY SEASON, we know you'll be fixing dips and dunks for your guests, trying good ways with chicken. Now's the time to send us your best recipes. Two Cooks-of-the-Month will receive $20 each. Nineteen other winners will receive $5 each. Selected winning recipes will be pictured in the Prize Tested Recipes pages next December. The winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement and six copies of the endorsed recipe.

Hints to help you

Dips and dunks may be for scooping, spreading, or dipping. Start with cream cheese, cottage cheese, whipped cream, sour cream, mayonnaise, or salad dressing. Do you serve your favorite dip with corn chips, potato chips, pastry sticks, or other crispies? Ideas:

sour-cream dip with bacon bits
olive-cheese dip
pineapple dunk
liver-sausage dip
blue-cheese spread
garlic cheese dip
hot dip, chafing-dish style
shrimp chip dip

Good ways with chicken. Is your specialty a casserole, roast chicken with stuffing, or a salad? Send along recipes for fried, stewed, or broiled chicken, too. Your recipe may call for fresh, frozen, or canned chicken. Include holiday garnish ideas. To jog your memory:

roast chicken with nut stuffing
chicken a la king
chicken biscuit pie
chicken curry
chicken-cranberry salad
rotisserie chicken
henny-penny casserole

This month's winners

(*See recipes on pages 95 and 96*)

Cook-of-the-Month for Ways with Lamb
Betty Ferris, Los Angeles, Calif.

Cook-of-the-Month for Marshmallow Treats
Mrs. C. David Lunden, Tacoma, Wash.

Other Winners

Mrs. Joseph Aliano, North Arlington, N. J.
Mrs. Albert Broadhurst, Jr., Titusville, Pa.
Mrs. Joyce K. Droege, Richardson, Tex.
Mrs. Hazel G. Maehling, Terre Haute, Ind.
Mrs. Mary Sullivan, Pittsburgh, Pa.
Mrs. Ralph Wilkinson, Albion, Mich.

Honor Roll

Mrs. Charles W. Champlin, Bloomington, Ind.
Mrs. Carolyn M. Dolechek, Wilson, Kans.
Mrs. Alvin Dvorak, Morse Bluff, Nebr.
Mrs. H. R. Flemming, Madison, Wis.
Janet C. Foltz, Logan, Ohio
Mrs. Ernest Geisler, Chippewa Falls, Wis.
Mrs. W. W. Jackson, Corpus Christi, Tex.
Mrs. Leon Homer Milot, Spokane, Wash.
Mrs. Richard D. Redfern, Bellaire, Mich.
Mrs. H. S. Sikes, Charlotte, N. C.
Mrs. Otto Sikir, Viola, Wis.
Mrs. T. J. Tidemanson, Fergus Falls, Minn.
Mrs. Loren B. Woodworth, Grand Rapids, Mich.

Contest rules

1. Write your recipe clearly on one side of the paper, and mark it "December Dips and Dunks" or "December Good Ways with Chicken." If you wish, send a recipe for each of the two categories.
2. Print your full name and address in upper right corner of paper.
3. Give measurements in *level* cups, tablespoons, teaspoons.
4. Specify brand names of the *nationally* known food products you use as ingredients so we can test your recipe with the same brands.
5. Include 50 to 100 words about the origin of the recipe you submit.
6. Recipes submitted become property of *Better Homes & Gardens*.
7. Entries must be postmarked by midnight, May 31. In cases where duplicate recipes are submitted, the one with the earliest postmark will be judged. All judges' decisions will be final.
8. We reserve the right to adjust and edit winning recipes.
9. Address the recipes you enter to 5405 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

New Tilt-top design. Entire top and front tilt back so you can see what you're doing. No bending, no blind reaching! Cleans easier, too.

New from General Electric...the Rotisserie Oven

First rotisserie that gives you the baking accuracy of a fine range oven . . . plus complete portability!

This new General Electric Rotisserie Oven rotisserizes, broils, roasts and even *bakes perfectly*. Gives you a second oven.

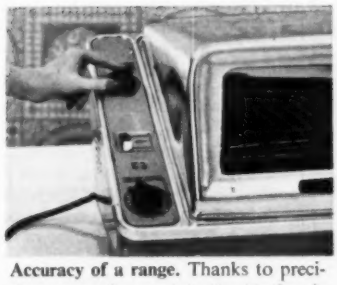
And it's wonderfully portable so you're not tied down to the kitchen. Grand for entertaining—use it indoors or out.

Has big capacity, too. Rotisserizes a 14- to 16-pound turkey. Discover the new convenience—the new *flavor* of cooking with a General Electric Rotisserie Oven. See it at your General Electric dealer's.

Progress Is Our Most Important Product

GENERAL ELECTRIC

General Electric Co., Portable Appliance Dept., Bridgeport 2, Conn.



Accuracy of a range. Thanks to precision oven thermostat, the Rotisserie Oven bakes and roasts as beautifully as a range. Pre-heats faster, too.

Perfect baking results! Just push a button, set the timer. Bakes food to perfection—automatically. Then turns off, buzzes to remind you food is done.

Juicier broiling. Quick-cooking infrared heat seals in meat juices. Rotisserizing is extra flavorful, too. Meats turn out savory and crisp.

Compact for storage—only 12 inches high. Fits in a small amount of space. In fact, the lid opens even under a standard kitchen cabinet.

MINWAX

TIPS on Wood Finishing

Today's trend is to paneling

—nothing brings out wood's natural beauty like easy-to-use Minwax Wood Finish. After thoroughly sanding the paneling—simply apply Minwax with a rag or brush. The result is a rich, hand-rubbed look. A light application of Minwax Finishing Wax adds the final touch of perfection. For authentic Colonial effects, try Cherry, Ipswich or Puritan Pine. Modern effects include Driftwood, Straw or Spruce Gray.

Unfinished furniture

can have rich, warm glow, too—with Minwax care. Select a piece with uniform grain; sand it silk-smooth and finish as above in your choice of Minwax quick-drying colors. Use the same procedure for new shelves, cabinets, wood trim. Remember, Minwax penetrates — leaves no brittle surface to scratch or chip white.

Floors never need rescraping

when you put the finish *in* the wood —not just *on* it. A Minwax application goes deep into the wood . . . leaves no brittle surface to scratch or mar. You have a choice of Natural Minwax or a wide range of color tones. Simply maintain with liquid wax, and never have to rescrape or refinish. Three generations have proved it!

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Send Booklets on the Minwax Method of wood finishing, with color card showing all 16 stain effects. Also address of nearest dealer.

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In Canada: British Paints, Oakville, Ont.

Banquets with canned meats

Begins on page 74

Corned-beef Bunwiches

Tote a trayful to the porch for a May picnic. Folks will like the surprise seasonings that spark the corned beef—

8 to 10 hamburger buns
• • •
1 12-ounce can corned beef, shredded
1 cup shredded process American cheese
½ cup chopped stuffed green olives
½ cup catsup
¼ cup minced green onions (optional)
2 tablespoons Worcestershire sauce

Split buns and remove soft centers. Combine remaining ingredients. Fill buns with mixture. Wrap each sandwich separately in aluminum foil. Heat in moderate oven (375°) 15 minutes or till heated through. Makes 8 to 10 servings. **Tasting-Test Kitchen note:** If you like buns crisp on bottom, heat the foil-wrapped sandwiches on baking sheet.

Hurry Supper Bake

Golden cheese-capped potatoes atop beef and brown gravy. It's strawberrytime, so how about baking shortcake biscuits along with your casserole?—

1 1-pound can brown gravy and sliced beef*
¼ cup chopped onion
• • •
Packaged instant mashed potato
• • •
½ cup shredded process American cheese

Spread meat and gravy in small baking dish (we used an 8¼x1¾-inch round ovenware cake dish). Sprinkle with chopped onion. Bake in hot oven (425°) 10 minutes or till hot. Meanwhile, prepare instant potato (enough for 4 servings) according to package directions, but add last of liquid slowly, so you can omit a little if necessary, to make potatoes stiff enough to hold their shape. Drop hot potatoes by spoonfuls over meat, making 4 mounds; sprinkle potato with shredded cheese. Return to oven and bake 3 minutes longer or till cheese melts. Makes 4 servings. **Tasting-Test Kitchen note:** For double recipe, use an 8x8x2-inch baking dish. Heat 18 minutes before adding potatoes and cheese; return to oven 3 minutes.

*Or use one 12-ounce can roast beef, and thicken meat broth for gravy.

Ham Sandwich, Spring Style

For gay look, arrange platter of asparagus, as shown on page 74; tuck in "sails" of deviled-ham-and-cheese toast. Spoon Jiffy Mustard Sauce down center of platter—

8 thick slices enriched bread, toasted
Prepared mustard
2 4½-ounce cans deviled ham
8 thin slices (about 3½ inches square) sharp process American cheese
2 pounds fresh or 2 10-ounce packages frozen asparagus spears, cooked and drained
• • •
1 recipe Jiffy Mustard Sauce

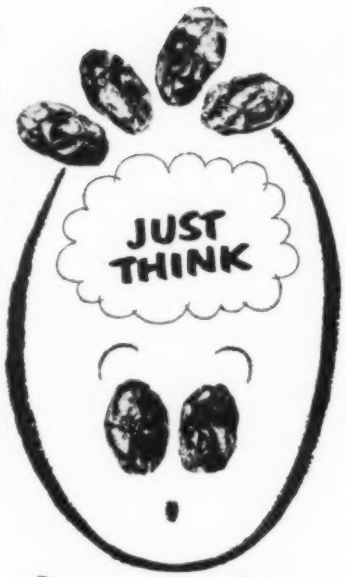
Trim off crusts, then spread toast lightly with prepared mustard; spread generously with deviled ham. Top each slice with cheese. Cut toast in half, diagonally. Place on baking sheet and heat in hot oven (400°) 3 to 5 minutes, or till cheese starts to melt. Arrange on platter with hot buttered asparagus; serve with warm **Jiffy Mustard Sauce:** Combine ½ cup of mayonnaise and 1½ teaspoons prepared mustard in small saucepan. Heat over *very low* heat, stirring constantly. Makes 8 servings.

20-minute Casserole Roast

A meal-in-one—glazed luncheon meat and pineapple atop baked beans. Hot biscuits, too!—

¼ cup chopped onion
1 tablespoon butter or margarine
2 1-pound cans (4 cups) pork and beans in tomato sauce or smoke-flavored beans
¼ cup catsup
1 tablespoon prepared mustard
• • •
1 12-ounce can luncheon meat
3 pineapple slices, cut in half
• • •
¼ cup brown sugar
1 tablespoon prepared mustard
• • •
1 package refrigerated biscuits

Cook onion in butter till tender but not brown. Add pork and beans, catsup, and prepared mustard; bring to boiling. Pour into 11½x7½x1½-inch baking dish. Cut luncheon meat crosswise in 5 slices; stand loaf upright and cut in half lengthwise to make 10 strips; arrange over beans to match picture on page 74. Center with row of pineapple half-slices. Mix 1 tablespoon pineapple syrup or other fruit juice with the brown sugar, and mustard. Spread over meat and pineapple. Place 3 biscuits at each end of casserole. Bake in moderate oven (375°) 15 to 20 minutes or till biscuits are done. (Bake extra biscuits on baking sheet.) Makes 6 servings. **Tasting-Test Kitchen note:** If you like, make biscuits with 2 cups packaged biscuit mix following package directions.



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Entertaining Is Easy - Indoors or Out with Modern
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METAL TRAYS WITH DISPOSABLE PAPER COMPARTMENT PLATES . . .

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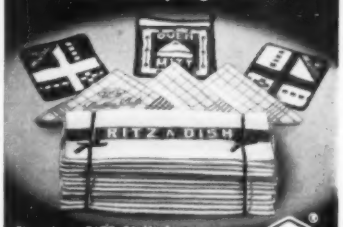


There's a RITZ Cloth for every household cleaning purpose at your local department or hardware store. Dealers—Please write.

RITZ Since 1892

JOHN RITZENTHALER, 73 Franklin St., N. Y. 13

There is a great discovery still to be made in Literature, that of paying literary men by the quantity they do not write.

—Thomas Carlyle

The well-dressed address

When a letter carries its zone number, it's in perfect form.

The post office has divided 106 cities into postal delivery zones to speed mail service. Be sure to include the zone number when writing to these cities; be sure to include *your* zone number in *your* return address—after the city, before the state.

New idea-orange juice in the pancake batter!

Refreshing treat for spring-time breakfasts

Orange Juice Pancakes!...just shake 'em up and pour!

Good morning! Now you can drink your orange juice and have it too—in delicate, orange-flavored Aunt Jemima Buttermilk Pancakes. So easy—and so good! Use the quick shaker method (see package) substituting orange juice for the milk. Shake ten times, pour, and bake golden brown. Serve 'em warm and tender with butter and cinnamon sugar or syrup.

The famous TWO plus one that's NEW

Only Aunt Jemima gives you ALL THREE!

Crabmeat Cocktail Parfait *Blue Cheese Salad Parfait* *Mustard Mold Parfait*

Introducing the most glamorous salads you ever served

Miracle Whip's Parfait

Something *wonderful* is coming into your life! Miracle Whip's luscious new *Parfait Salads.* They're the loveliest salads you ever served . . . and absolutely surefire to make.

Soon as you read the recipes you'll appreciate how very special they are. But just wait till you *taste* them! Such *exciting* flavors and texture . . . because the Miracle Whip is *mixed right in.*

Light, lively Miracle Whip has a special shade of flavor you don't get in any other dressing. A special, creamy texture, too. They do delightful things for molded salads. Whip up these Parfait beauties and see!

BLUE CHEESE SALAD PARFAIT

1 envelope gelatin
¼ cup cold water
1 8-oz. pkg. Philadelphia Brand Cream Cheese
½ of a 6-oz. cup Blue Chip Brand Blue Cheese
½ cup Miracle Whip
1 teaspoon salt
1 cup milk
Lettuce
Canned apricot halves
Canned pineapple slices, halved
Canned pear halves, cut in wedges

Soften gelatin in cold water; dissolve over hot water. Cool. Combine cream cheese and Blue cheese, mixing until smooth and well blended. Add Miracle Whip, salt and gelatin and mix well. Gradually add milk. Pour into a fancy 1-quart mold and chill until firm. Unmold on lettuce and garnish with fruit.

CRABMEAT COCKTAIL PARFAIT

1 envelope gelatin
½ cup cold water
½ cup hot water
½ cup Miracle Whip
3 tablespoons lemon juice
¼ cup chili sauce
1 teaspoon salt
1 cup flaked crabmeat
Lettuce
Crabmeat pieces
Watercress

Soften gelatin in cold water; dissolve in hot water. Cool. Combine Miracle Whip, lemon juice, chili sauce and salt. Gradually add gelatin; mix well. Chill until slightly thickened. Fold in flaked crabmeat. Pour into 4 individual molds and chill until firm. Unmold on lettuce on a platter. Garnish with crabmeat pieces and watercress.

MUSTARD MOLD PARFAIT

1 envelope gelatin
½ cup cold water
1 cup Miracle Whip
½ cup Kraft Salad Style Mustard
1 tablespoon vinegar
1 teaspoon salt
¼ teaspoon paprika
½ cup heavy cream, whipped
Sliced cold meats
Kraft Natural Swiss Cheese, cut in triangles
Parsley; Radish roses

Soften gelatin in cold water; dissolve over hot water. Cool. Combine Miracle Whip, mustard, vinegar, salt, paprika and gelatin; mix well. Chill until slightly thickened. Fold in whipped cream. Pour into a small loaf pan and chill until firm. Unmold and surround with cold meats and cheese. Garnish with parsley and radish roses.

Fruit Salad Parfait *Coleslaw Parfait*

Salads with the dressing built right in!

FRUIT SALAD PARFAIT

1 envelope gelatin
¼ cup cold water
1 cup Miracle Whip
1 8-oz. pkg. Philadelphia Brand Cream Cheese
¼ cup maraschino cherry juice
2 tbsps. confectioners' sugar
1 cup drained coarsely chopped canned pineapple
1 cup drained coarsely chopped canned apricots
¼ cup chopped maraschino cherries
1 cup heavy cream, whipped
Lettuce

Soften gelatin in cold water and dissolve over hot water. Cool. Gradually add Miracle Whip to cream cheese, mixing until smooth and well blended. Add cherry juice, sugar and gelatin; mix well. Chill until slightly thickened. Add fruit. Fold in whipped cream. Pour into a 1½-quart ring mold and chill until firm. Unmold. Surround with lettuce.

COLESLAW PARFAIT

1 envelope gelatin
1 cup cold milk
¾ cup Miracle Whip
¼ cup cream
1 teaspoon Kraft Salad Style Mustard
1 teaspoon celery seed
1 teaspoon grated onion
1 teaspoon salt
Dash of pepper
2 cups finely shredded cabbage
Curly endive
Peeled tomato wedges
Cucumber twists

Soften gelatin in ½ cup milk and dissolve over hot water. Cool. Combine Miracle Whip, remaining milk, cream, mustard, celery seed, onion, salt, pepper and gelatin and mix well. Chill until slightly thickened. Fold in cabbage and pour into a 6½-inch ring mold. Chill until firm. Unmold, surround with endive, tomato wedges and cucumber twists.

Light, lively Miracle Whip is America's favorite salad dressing

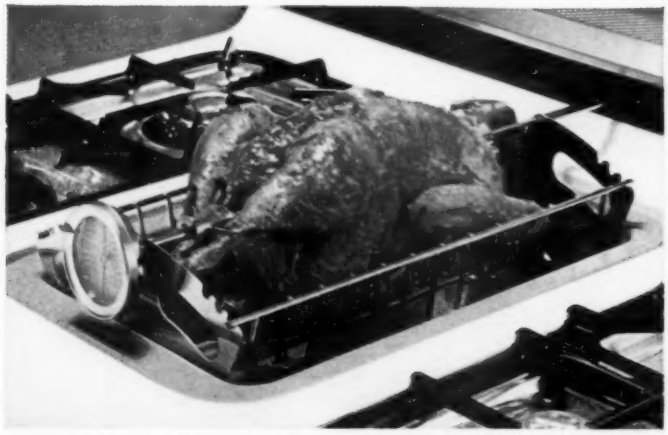
Right now, grocers are featuring all these delightful Kraft Dressings

LOOK AT BOTH—AND YOU'LL BUY GAS!

See the
new **ROPER range!**

***faster** because it's Gas*
***cleaner** because it's Gas*
***cooler** because it's Gas*

and, of course, it's automatic!



AUTOMATIC! Roper's New Top-Of-Range Gas Rotisserie brings outdoor flavor to everyday meals! Its Vertical Broiler is extra fast, smokeless. Its Built-In Griddle is spatter-free, gives perfect results. Its chrome-plated cover provides added work space.

THE ROPER 36" GOURMET RANGE IS A PRODUCT OF GEO. D. ROPER CORP., KANKAKEE, ILL.

CABINETS BY GENEVA MODERN KITCHENS.

AUTOMATIC! The Burner-with-a-Brain on this new Roper Gas range ends "pot watching" forever! Makes every pan automatic! Top burner flame lowers when pan reaches proper cooking temperature—to maintain exact heat. Food can't burn!

AUTOMATIC! The King-Size 20" Gas Oven starts itself, shuts itself off . . . bakes a cake or cooks a casserole while you're miles away. And everything is automatic on this new Roper range—self-lighting burners, timers, even built-in meat thermometers!

SO FAST BECAUSE IT'S GAS! No waiting for Gas to warm up—exact heat is ready the instant you want it! Imagine the time you save! Gas also lets you change from high to low in a hurry. What a blessing when baking or cooking delicate sauces.

SO CLEAN BECAUSE IT'S GAS! With clean-burning Gas, pots and pans stay shiny longer—even walls stay clean and bright far longer, too! And with a modern Gas range—every inch is a cinch to clean. Burners lift out for easy washing; oven and broilers wipe clean!

SO COOL BECAUSE IT'S GAS! Heat's off the second you turn the burner off . . . no hangover heat with Gas. And because Gas broiling is smokeless . . . you can keep the oven door closed—hold the heat in. Look at both—cook on both—and you'll buy Gas. AMERICAN GAS ASSOCIATION

ONLY GAS does so much more...for so much less!

How to make the

Scandinavian wall hanging

Pictured on page 59

Striking wall hanging was a prizewinner in a recent show of the Danish Handwork Society in Copenhagen. Anyone can make it from inexpensive materials. Because of simplicity of design, it would harmonize with Early American or Provincial furniture as well as with Modern.

Adapt it to your needs

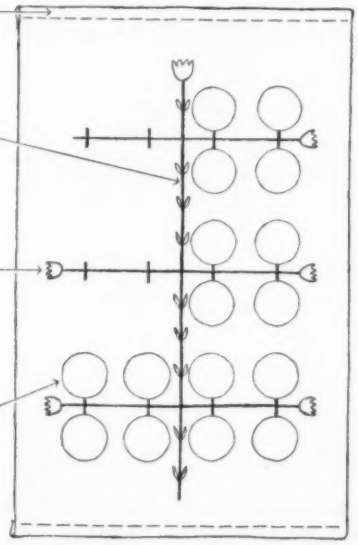
It's so easy to make you don't need a pattern—just divide background into eight equal squares by means of embroidered stems; add lines, flowers; then applique fabric circles. Irregularities only add to the charm.

Colors should be closely related. The hanging we've pictured has blue-violet background, appliques of blue, blue-green, and green. Or you might use warm and sunny tones—orange, orange-yellow, yellow, and yellow-green.

Here's what you'll need

Background: Two yards fabric about 4 feet wide.
Circular appliques: Three ½-yard lengths of cotton in related colors. Each will make eight 8-inch circles.
Embroidered leaves and flowers: Heavy yarn.
Hang by: Curtain rod cut same size as fabric and inserted in 1-inch top hem.

Follow these simple steps



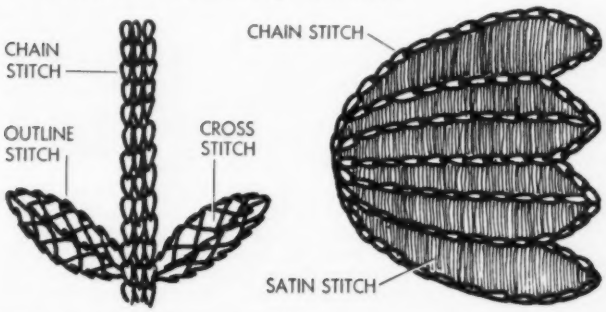
1 Make one-inch top and three-inch bottom hems.

2 Divide into eight equal sections, embroider stems one-fourth inch wide.

3 Then embroider the flowers and the leaves.

4 Finally, applique the eight-inch circles with the edges pressed under.

Use these embroidery stitches



better than two heads or four hands...
BATES
PENCILIST

wherever there's a phone...

Here's new charm, convenience for your home. This oh-so-smart and useful Telephone Index saves time, trouble... takes the squint and search out of phoning. Keeps important numbers—friends, tradesmen, emergency calls—within instant reach. Press the button... presto!... there's your number. The new PENCILIST even has a pencil inside. Bates List Finders are *so* good looking, too. Their decorator colors match or contrast with color phones or decor. Six attractive models in 32 distinctive finishes. Perfect for gifts. From $1.95 to $7.50 (slightly higher in Canada). You'll love it... wonder how you ever got along without one.

At stationery, gift and department stores

BATES LIST FINDERS
The Bates Manufacturing Company • Orange, N. J.
Quality numbering machines, staplers, list finders for office and home

"Crisp, clean shelves in minutes with KVP shelf paper"

SAYS Don McNeill

ON HIS BREAKFAST CLUB RADIO PROGRAM.

KVP Shelf Papers are far easier to work with—you'll notice the difference instantly. They're crisp and strong—their colors are clean and bright. Ordinary shelf papers are often brittle and weak, with dull looking color. Choose KVP Glazed, KVP Enameled, or washable KVP Kalafilm—in white and sparkling, clean kitchen colors—widths and lengths for every need. Economical. Available at your favorite store's paper department.

KVP

Try these other KVP household aids:
FREEZER PAPER DUSTING PAPERS
HEAVY WAXED PAPERS
PIE TAPES BAKING CUPS
BAKING PAN LINERS.

THE KVP COMPANY, KALAMAZOO, MICHIGAN
In Canada, buy KVP—Appleford Paper Products

CANDLEWICK

America's Most Wanted Handcrafted Pattern

The very simplicity of Candlewick assures a lovely table; sparkling highlights frame and enhance every serving. Here is table crystal offering the beauty and versatility wanted by smart hostesses. Wherever fine glassware is sold, Candlewick is 'open stock'.

Imperial GLASS CORPORATION—Bellaire, Ohio

We've preshopped 1958 appliances

Continued from page 100

Room air conditioners boast mobility

Wheel-around cart takes air conditioner to new locations when you wish. Platform of cart adjusts from 25-36 inches high to match window level, allowing transfer of unit into place. With adjustable frame, one-horsepower helper fits window up to 40 inches wide. Movable equipment saves installation costs.

Room to room. Carry this portable room air conditioner anywhere in the house.

Fifty-nine-pound cooler is 17x12x15 inches in size, can be placed in most standard sash-type windows. Expandable framing assures a fit.

Plug into 115-volt outlet. Unit cools room up to 275 square feet in area. Vacation in comfort—take air conditioner traveling with you!

Double-burning incinerator

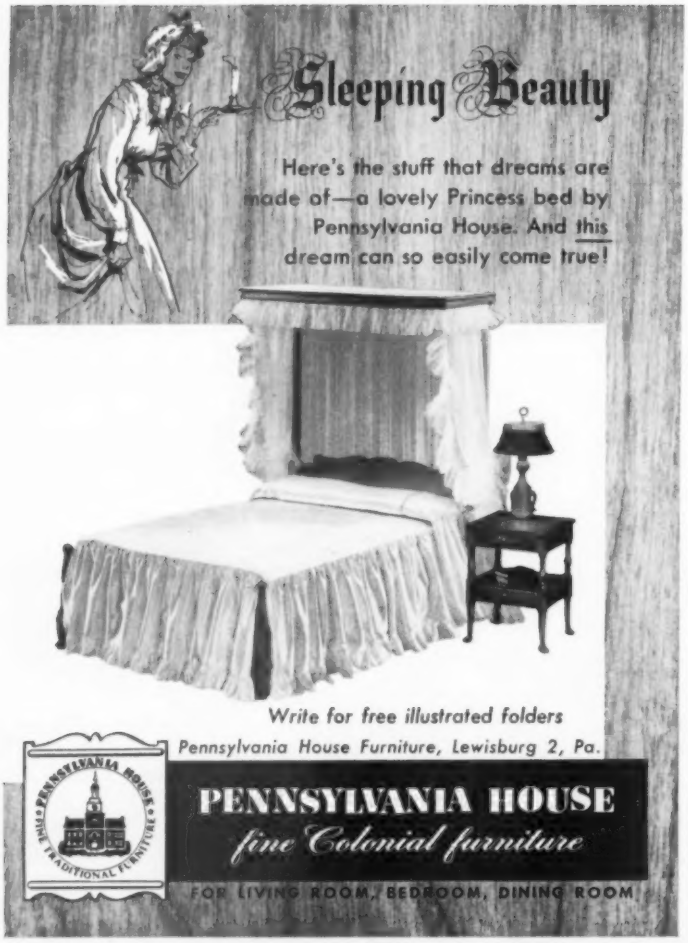
No smoke or odor from this automatic gas incinerator. After initial burning of garbage and trash (anything except glass, metal), leftover fumes are drawn to second combustion chamber to eliminate them. Capacity: Two bushels.

Lid locks automatically until complete burning takes place. Install in home, garage, or yard.

More on page 112

Wonderful Dial Soap!

Real mildness. Rich lather. Colors, too. But Dial gives you more. Much more. Dial gets rid of skin bacteria, protects your complexion all day—even under make-up. Wonderful Dial!



Secrets FROM FAMOUS KITCHENS

Mrs. Yogi Berra *scores a hit at her barbecue with "Fill 'n Grill" Pizza*

"It's such a handy trick to make the crust ahead, mix the filling just before company comes," says this attractive 'Yankee wife'. "Then I pop my pizza in the skillet and Yogi takes over for an inning at the grill. How our guests love that *real* pizza crust. The secret's *yeast*—Fleischmann's Active Dry Yeast, I mean. It's so fast and easy—keeps for months."

Pizza Dough

Measure into bowl **1 cup warm water (not lukewarm, not hot).** (Cool to lukewarm for compressed yeast.) Add **1 package or cake Fleischmann's Yeast, active dry or compressed.** Stir until dissolved. Stir in **1 teaspoon sugar, 1½ teaspoons salt** and **2 tablespoons olive oil.** Beat in **2 cups sifted enriched flour.** Stir in an additional **1½ cups sifted enriched flour (about).** Knead until smooth and elastic. Put into greased bowl; brush top with shortening. Cover. Let rise in warm place, free from draft, until doubled in bulk, about 45 minutes. Punch dough down. Roll out into eight 8-inch circles. Place on lightly floured baking sheets. Cover with damp towels. Let stand 15-30 minutes. Preheat oiled heavy skillet over medium heat. Cook crusts until light brown, about 5 minutes on each side. When cool, stack and wrap in aluminum foil. Store at room temperature 1-8 hours as needed. When needed for use, put crust into preheated oiled heavy skillet over medium heat. Top as directed for Pizza topping. Cover and cook until hot, about 5 minutes. Makes 8 servings.

Pizza Topping

Thinly slice **1 pound Mozzarella cheese.** Mix together **2 cans (6 ounces each) tomato paste, 1 cup water, 2 teaspoons salt, ⅛ teaspoon pepper, 2 teaspoons crushed oregano.** Top each crust with cheese slices, then tomato mixture, sprinkle with **Parmesan cheese** and about **1 teaspoon olive oil.**

The yeast prize-winning cooks prefer

Another Fine Product of Standard Brands Inc.

We've preshopped 1958 appliances

Continued from page 110

More refrigerator news

- Refrigerator styling is continuing the squared-off look.
- Additional use of new icemaking equipment and ice storage bins in the freezer section of refrigerator is on the upswing.
- Choice of changeable laminated-plastic door panels are offered by one manufacturer as a way for you to have a built-in refrigerator and freezer in color.
- Crisper has device to spray fine mist of water over vegetables each time crisper door is closed.

More news about ranges

- Style change: Look for 40-inch all new electric range with two ovens, side by side. Cooking top with four surface units in a line pulls out from under ovens for use. Place at best height for you on top of special base cabinet, or install as wall-hung range.
- An infrared gas broiler that does not require preheating, cuts cooking time about in half! And broiler uses only about one-half the usual amount of gas.
- A 30-inch range sports an oven "picture" window 13x21 inches.
- Cleaning the floor under ranges is now possible. One electric range on casters with built-in brake can be rolled out from wall. Another range has a full-width lower storage drawer that is removable to clean floor.
- Easier oven cleaning is a boon: Oven doors come off; rack guides can be removed.
- Improvements have been made in thermostatically controlled surface cooking to provide more accurately the right flame for small pans, small quantities of food, and utensils of all materials.
- For wide ovens, half racks divide cooking space, make room for large roasting pans or rotisserie on one side and two-deck shelf arrangement on other side.

More news about laundry

- Automatic washers are providing more flexibility of controls to wash synthetic fabrics.
- An automatic-clock control is available to turn on washer up to 10 hours after loading—a working wife's dream!
- Look for many new lint-filter accessories; also dispensers of detergent, water softener, and fabric conditioner.

More news in general

- You can buy an 18-inch-wide dishwasher, if kitchen is small.
- Thermostatic window fans turn "off" and "on" as room temperature varies.
- Dehumidifier stops and starts automatically as humidity changes—nice for recreation rooms, basements, damp-climate homes.
- Stainless steel sinks are available with a costsaving built-in rim that seals itself when clamped into place. Installation is easier, too.

Nothing astonishes men so much as common sense and plain dealing.

—Ralph Waldo Emerson

"I have never particularly cared for the shagbark hickory."

Callaway Towels

AND BATH RUGS

Maypole colors! Fresh new fashions for your bath!

YARN-DYED so every lovely towel stays ever color-fresh! Bring spring into your bath, delight the bride-to-be, with these classic Callaway beauties. Presented in self-tone borders (guaranteed pucker-proof!) they're ideal for monogramming... offer all the exclusive Callaway features: ABSORBenized® for faster drying, fine detailed finishing that says quality, says Callaway at a touch!

THE SMART WAY IS...
Callaway
CARPETS TOWELS
REG. U.S. PAT. OFFICE

Harmonizing Callaway Bath Rugs in luxurious Chromspun® or in rich-textured cotton are handsome complements to your Callaway Towels. They give your bath the completely finished look that only a Callaway coordinated color scheme can achieve! See Callaway's ROYALTY, EMBASSY, SUN VALLEY and IMPERIAL towels in Maypole color combinations now at leading stores.

How to select a paintbrush

A good brush performs better... wears longer... saves you money

Check these points when buying your next paintbrush. First, look for a full stock of bristles in a firm, strong setting (1). Avoid brushes with loose bristles. 1

Then inspect the individual bristles closely (2). They should be finely tapered, with slightly curled tips.

2

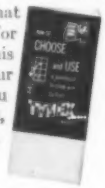
Look again and be certain a generous portion (at least 10 to 20 per cent) of the bristles have tips which are split or "flagged" (3). Your final assurance of a brush which will give the best painting performance is bristles of varying lengths (4), but with a high proportion of longer lengths. 3 4

If the brush you look at passes all these tests, it will have a greater working and paint-holding capacity and eliminate excessive dipping. It will (5) release any type finish smoothly and evenly on any surface. The result will be a professional-looking paint job. 5

One short cut to selecting a good brush is to look for the black and yellow tag, signifying a brush with TYNEX nylon bristles (6). Properly made paintbrushes with tapered bristles of improved Du Pont TYNEX nylon give you better painting performance. They pick up a full paint load at every dip and give velvet-smooth paint-out. With proper care, brushes with durable bristles of TYNEX clean easily . . . rinse thoroughly . . . are quickly ready for another job.

6

FREE—An illustrated booklet prepared by Du Pont painting experts on "How to Choose and Use a Paintbrush." Tells how to paint walls, ceilings, trim, furniture, radiators and do other special jobs. Gives tips on the correct painting stroke, how to hold a paintbrush, how master painters dip their brushes, how they clean them. Gives five helpful pointers on common mistakes in painting. Tells what kind of paintbrush to use for each painting job. To get this valuable booklet, just send your name and address to E. I. du Pont de Nemours & Co. (Inc.), Polychemicals Department, Room 515, Du Pont Building, Wilmington 98, Del.



TYNEX *is the registered trademark for Du Pont nylon bristles.*

DU PONT TYNEX® NYLON BRISTLES

Better Things for Better Living . . . *through Chemistry*

From Maytime's garden row

Begins on page 80

Creamed New Potatoes and Peas

Only in spring can you get flavor like this! The Saucemaker (below) takes the chore out of creaming—

1½ pounds (about 15 tiny) new potatoes
• • •
1 to 1½ pounds fresh peas (about 1 to 1½ cups shelled)
3 tablespoons finely sliced green onions
• • •
1 cup milk
1½ tablespoons Saucemaker
½ teaspoon salt
Dash pepper

Scrub potatoes; pare off narrow strip of peel around center of each. Cook in boiling salted water just till done, 15 to 20 minutes; drain. Meanwhile, cook peas and onions in a small amount boiling salted water till tender, 8 to 15 minutes; drain. While vegetables are cooking, prepare sauce: Heat milk; add Saucemaker. Cook, stirring constantly, till smooth and mixture thickens. Add salt and pepper to taste. Combine potatoes and peas; pour sauce over. Sprinkle with paprika. Makes 4 to 6 servings.

Saucemaker

This is old-fashioned butter-flour roux. Keep it on tap during the spring-vegetable season for thin and medium white sauces—

Blend 1 stick (½ cup) soft butter or margarine and ½ cup enriched flour. (No cooking at this point.) Store in covered jar in refrigerator and use as needed for creamed vegetables and sauces. Makes ¾ cup.

To make white sauce: Heat milk just to boiling; add Saucemaker (see chart below for amounts). Cook, stirring constantly, until smooth and mixture thickens. Season to taste with salt and pepper.

Thin white sauce

For creaming vegetables
To thicken cream soups

Milk	*Saucemaker*
1 cup	1½ tablespoons

Medium white sauce

For creaming meat or chicken, hard-cooked eggs, vegetables
For sauces to serve with meat, fish, egg dishes

Milk	*Saucemaker*
1 cup	3 tablespoons

Dutch Dill Potatoes

Fresh with a hint of lemon juice, herbed with dill—

1½ pounds (about 15 tiny) new potatoes
• • •
1 tablespoon butter or margarine
1 tablespoon enriched flour
1 teaspoon dill seed
1 cup milk
• • •
1½ tablespoons lemon juice, fresh, frozen, or canned
1 teaspoon salt
Dash pepper

Scrub or scrape potatoes. Cook in boiling salted water till just tender, 15 to 20 minutes; drain. Meanwhile, melt butter in saucepan; blend in flour; add dill seed. Gradually stir in milk; cook, stirring constantly, till thick. Add lemon juice and seasonings. Pour over hot potatoes. Makes 4 servings.

Fresh Asparagus

Wash the stalks thoroughly and scrub gently with vegetable brush; if sandy, scrape off scales. To remove woody base, break stalks instead of cutting. Stalk will snap at point where the tender part starts.

Ways to cook

In skillet: Lay asparagus spears flat in skillet. Cook covered in small amount of boiling salted water till just tender, 10 to 15 minutes. To avoid overcooking the tender tips, prop them up out of water with crushed aluminum foil at one side of pan—tips will cook in steam while the stalks cook in water.

In saucepan: Cut a strip of aluminum foil to place across bottom and up both sides of saucepan, extending over edges. Fold, making strip 4 or 5 inches wide. Lay

[*Turn to page 116*

Spode
THE FINE ENGLISH DINNERWARE

There is no need to postpone owning a set of fine dinnerware. You will find ample supplies of Spode in the stores today in a wide range of patterns and prices. Booklet 60 will help you select the proper pattern.

Wholesale Distributors
Copeland & Thompson, Inc.
206 Fifth Ave., New York 10, N. Y.

MADE TO USE AND ENJOY

MISSOURI
A State-wide pleasure land

Blue azure torrents, 840,000,000 gallons daily, gush from famous Big Spring.

History, scenery, fishing . . . Missouri has everything! Why drive hundreds of miles to America's far corners? This year, make it a "Show Me Vacation" . . . you'll see more, stay longer and spend less.

Water sports? The finest! Rivers are many and varied, including 25 where you can enjoy a famous Missouri specialty—*float fishing.*

Scenic highways to the picturesque Ozarks—to pioneer outposts, battlefields—the haunts of Daniel Boone, Kit Carson, Mark Twain, and for ***A change of pace:*** big-league baseball at St. Louis and Kansas City.

Mail Coupon for illustrated maps and folder

Missouri Division of Resources and Development, Dept. E859, Jefferson City, Mo.
Please send literature as checked below.
( ) "FUN IN MISSOURI" — colorful scenic folder, points of interest guide map and principal highways, how to get there.
( ) "FLOATING AND FISHING" — Missouri's famous float trips and operators.

Name.....
Address.....
City..... State.....

Strip away that laundry film

Is that old rascal, washing scum, casting its gray shadow on the snowy white or pretty colors of your dainty nylons? On Dad's shirts? On the children's clothes?

Are your sheets and towels harsh-feeling as well as gray?

Here's a ray of brightness. The process known as "stripping" will help bring back that new look! And the original softness! To a washer load of clothes, add 1 cup of water conditioner. Now let the clothes go through the regular washing cycle—but without adding soap or detergent.

The hotter the water the better and quicker the results. But you know, of course, some fabrics and finishes cannot stand hot water—let the "delicates" in your washer load be your guide on temperature.

If the film deposit has built up a long time or is embedded, add ½ cup household ammonia or washing (sal) soda along with water conditioner.

One stripping probably will be enough. In unusual conditions, two or more treatments may be needed to restore the fabrics to their former color and softness.

Once clothes are free of this dulling mask, keep them that way. Just use the recommended amount of water conditioner for wash and rinse cycle in every washer load of clothes.

HIDE-A-BED® interprets Early American

By day—an Early American den. By night—a comfortable guest room with Beautyrest mattress!

Only Simmons new custom-covered collection offers sofa-beds that make a room *this* beautiful —and live up to their good looks with deep-down comfort, day and night, *year after year!*

Come see for yourself. Sit back and sink into the gently sloping cushions. Then, in seconds, open it to the full-size bed. You can even choose a buoyantly firm Beautyrest* mattress!

P. S. Bear this in mind when you shop: Only Simmons gives you a warp-proof all-steel *sofa* frame (not just bed frame). It's a very important economy feature because it insures almost *a lifetime* of perfect looks, perfect comfort!

Custom service at no extra cost

Simmons offers literally *hundreds* of style, size and fabric combinations. Have your Hide-A-Bed sofa made to order in as little as 3 weeks.

Simmons "Idea Room." Early-American setting is one of many in Simmons *Decorator's Notebook*. This model comes in king, standard and apartment sizes, from $299.50 depending on size and fabric. Other Simmons convertibles from $89.50, with convenient terms.

Berkeley Settee shown in "Paul Revere" Early American print, choice of colors. Priced at $199.00.

Park Lane Modern. Extra-long, comfortable 84" sofa. From $329.00 depending on fabric chosen.

*Trade-mark Reg. U. S. Patent Office. Copr. 1958 by Simmons Co., Mdse. Mart, Chicago, Ill.

ONLY **SIMMONS** MAKES **HIDE-A-BED** SOFA

Looking for Something?

FURNITURE

furniture, luggage, hearing aids, painters, plumbers, window shades?

whatever you need—

Find It Fast In The Yellow Pages

Advertisers displaying this emblem make your shopping easy.

From Maytime's garden row

Continued from page 114

asparagus on foil in pan. Add small amount of boiling water and the salt. Cook covered till just tender, about 10 to 15 minutes. Remove asparagus by lifting ends of foil strip.

Standing up: First fasten asparagus in a bundle—easy with band of aluminum foil. Stand stalks upright in boiling salted water in glass percolator or deep kettle. Let tips extend 1 inch above water. Cover. Tips cook in the steam while stalks cook in boiling water—takes 10 to 15 minutes.

Cut-up asparagus: Cut stalks (several at a time) on the bias in pieces the desired length. Cook covered in small amount of boiling salted water just till tender, 10 to 12 minutes.

Oriental way: Cut asparagus on the diagonal, making thin slanting slices, about 1½ inches long. Heat large skillet; add small amount of salad oil (few tablespoons), and when hot add asparagus; sprinkle with salt, pepper, and monosodium glutamate. Cook covered over high heat till just tender, about 5 minutes, shaking skillet frequently. Don't overcook!

Asparagus dress-ups

▶ Add 1 or 2 tablespoons lemon juice and 2 tablespoons chopped parsley to ¼ cup melted butter or margarine; pour over hot cooked asparagus.

▶ Pour lemon-butter over hot asparagus and sprinkle with tiny croutons.

▶ Pour clear French or Italian dressing over cooked asparagus and chill. Serve as salad or meat-platter accompaniment.

▶ Heat Italian dressing and pour over hot, drained cooked asparagus spears.

▶ Sprinkle hot buttered asparagus with toasted blanched almonds.

▶ Add diced, hard-cooked eggs to medium white sauce and serve over piping hot asparagus.

Easy Hollandaise

No-fail recipe for a favorite asparagus dress-up—

½ cup butter or margarine
¼ teaspoon salt
Dash cayenne
1 tablespoon lemon juice, fresh, frozen, or canned
2 egg yolks

Beat butter in top of double boiler (*not* over heat or hot water) till creamy. Add salt and cayenne. Add lemon juice a few drops at a time, beating constantly. Add the yolks, one at a time, beating till mixture is light and fluffy. Set over *hot, not boiling*, water a few minutes, or until glossy, stirring constantly. (Water should not touch top pan, and don't let sauce stay over hot water too long.) Serve warm with hot drained asparagus. Makes about ¾ cup.

French Dressing

The kind that brings out the best in every ruffle of lettuce, every golden carrot coin, every radish circle in your tossed salad—

1 teaspoon sugar
½ teaspoon salt
½ teaspoon dry mustard
½ teaspoon paprika
Dash cayenne
2 tablespoons lemon juice, fresh, frozen, or canned
2 tablespoons vinegar
½ cup salad oil

Put ingredients in jar; cover and shake well. Shake again before using. Makes ¾ cup.

Sour-cream Salad Dressing

Wonderful flavor go-with for lettuce, endive, water cress—

1 cup dairy sour cream
½ cup mayonnaise
1½ to 2 teaspoons vinegar
1 tablespoon sugar
1 teaspoon salt
Dash pepper

• • •

¼ cup minced green onions
¼ cup minced radishes
¼ cup minced cucumber, drained
¼ cup minced green pepper
1 clove garlic, minced

Blend sour cream, mayonnaise, vinegar, sugar, salt, and pepper. Stir in minced vegetables and garlic. Serve on salad greens. Makes 2 cups.

Wilted Lettuce With Bacon

Popular in Grandma's day—still tastes plenty good. Pour the nippy hot dressing over garden lettuce—

5 slices bacon, diced

• • •

1 beaten egg
¼ cup minced onion
2 tablespoons sugar
½ teaspoon salt
⅓ cup vinegar
2 tablespoons water

• • •

1 large bunch leaf lettuce, torn in pieces (about 6 cups)

Cook bacon till crisp. Combine remaining ingredients except the lettuce; add to bacon and drippings. Heat just to boiling, stirring constantly. Tear lettuce into bowl; pour hot dressing over and toss lightly. Serve at once. Makes 4 servings.

Garden Peas in Cream

The best in home cooking. Serve with spoons—folks will want to scoop up every drop!—

3 tablespoons butter or margarine
½ cup water
1 to 1½ pounds fresh peas (about 1 to 1½ cups shelled)
2 cups finely torn leaf lettuce
2 tablespoons minced onion
1 tablespoon chopped parsley
1 teaspoon sugar
½ teaspoon salt
Dash pepper

• • •

⅓ cup light cream

Heat butter and water to boiling; add peas, lettuce, onion, parsley, sugar, and seasonings. Cover and simmer till peas are tender, 8 to 15 minutes. Don't drain. Add cream and serve. Makes 4 servings.

MOVING?

Don't keep it a secret

Moving? That's not unusual. Nearly one out of five Americans do it every year. Whether your move is across the continent or across the street, there are people you should notify. There are services to be discontinued; accounts to be closed; records to be altered.

A postcard will do it. Mail it as far in advance of the move as possible. Include four items: your name, your current address, your new address, the date the move will be effective.

Here's a check list to guide you. You'll surely think of others, to fit your needs.

Your local postmaster
Utility companies
Telephone company
Fuel oil dealer
Publishers of magazines and other periodicals you receive through the mail.
Secretaries of religious, fraternal, professional, social, and alumni organizations
Veterans Administration
Draft board
Insurance companies with which you hold policies
Banks where you do business
Business firms where you have a charge or credit account
Mail order firms with which you do business
Organizations from which you receive pension, retirement, or other income
State Commissioner of Motor Vehicles
Friends and relatives
And don't forget to *tell* servicemen who deliver such things as milk, bread, and newspapers.

keeps foods country-fresh

RCA WHIRLPOOL with Air Purifying System

Something wonderful happens when you close the door of this new RCA WHIRLPOOL refrigerator-freezer. The air inside actually starts to circulate!

First this air passes through a purifying bath of ultra-violet rays. This helps retard musty odors and bacteria growth. Then the freshened air circulates to keep foods at just-right temperatures throughout—even in the deep door shelves. No wonder country-fresh flavors last so long in this new RCA WHIRLPOOL!

You never defrost your RCA WHIRLPOOL refrigerator. That's done for you automatically. And it's big! More than nine cubic feet in the refrigerator, almost four feet in the true zero-degree freezer. Sleek, squared-off styling gives a planned-in look.

See it at your RCA WHIRLPOOL dealer's—in color and in white!

1. Air Purifying System where air flows past hidden ultra-violet purifying lamp. 2. Special Meat Chest with temperature just right for keeping meats moist and tender. 3. Big see-through tip-out fruit bin. 4. Twin crispers with room for heaps of vegetables. 5. Three ice cube trays and New Instant Ice Ejector that zips cubes out, drops them in handy storage bin. 6. Big 131-pound capacity freezer with two prime fast-freezing shelves.

NEW BUILT-IN STYLING—for a "planned-in" look in any kitchen!

BETTER HOME APPLIANCES . . . FOR BETTER HOMES

RCA Whirlpool

Whirlpool Corporation, St. Joseph, Michigan. (Use of trademarks RCA and RCA authorized by trademark owner, Radio Corporation of America.)

BRIDAL GOWN BY MURRAY HAMBURGER

Don't live a little–live a lot

You're that little girl who always "knew she'd have the finest" when she grew up! Fine things like Lenox China. So here's good news. Lenox costs only slightly more, you know. And Lenox, today, is even more beautiful and stronger than the Lenox your mother cherished! So don't bother with "compromise china." Lenox makes only one quality – superlative. For presidents, kings and for that little girl who always "knew she'd have the finest" when she grew up. You! ✓ ✓ ✓ Five-piece place settings priced from $14.95 to $50.00. Individual pieces are also available.

For informative "Reference Book of Fine China," leaflets in color, send 25¢ to: Lenox, Inc., Dept. H5-8, Trenton, N. J.

LENOX CHINA

These FOODS are NEWS!

Desserts

Meringue mix is exciting! In a jiffy, you can whip up a pretty, soft meringue to bake atop cream pies. Or you can bake crisp meringue shells—big or little—to fill with ice cream or strawberries. Each 4.1-ounce package contains two packets of egg-white mix. (No leftover yolks this way!) One packet makes meringue for an 8- or 9-inch pie. You'll want to use this all-purpose meringue mix for easy meringue kisses, tortes, baked Alaska, too.

Loaf-size cake mixes—white, chocolate-fudge, golden-yellow, and marble—are a boon to the small family. Just add egg and water to the mix, then bake as one 8- or 9-inch square loaf or round layer, or 12 large cupcakes.

Lemon-chip angel-food mix makes a high, tender cake with flecks of lemon all through. Divided 16-ounce package contains egg-white mix and flour mix. Bake the cake in a 10-inch tube, in big oblong pan, or in 2 loaf pans.

Weight-watcher specials

Low-calorie frozen dinners make dieting the easiest yet! And fun! There are eight different, tasty, full-course meals—each averages only 275 calories. In every package are two divided foil trays—one containing the meat and vegetable course to heat; the other, salad and dessert to defrost. Dinner choices: roast beef, broiled chicken, pork tenderloin, Swiss steak, breaded veal steak, macaroni scaloppine, and diced beef with vegetables. A 1,000-calorie daily diet plan is printed on the box lid.

Noncaloric sweetener in crystal form makes its debut as a sprinkle item in handy 1½-ounce glass shaker that goes right to the table. Crystals dissolve instantly. One-half teaspoon equals about 2 tablespoons sugar in sweetness.

Extras to watch for

Shelled walnut pieces in saran bags stay fresh for as long as 6 months. Big news: They're premeasured! Available in three convenient recipe-sizes: ½ cup (2 ounces), ¾ cup (3 ounces), and 1¼ cups (5 ounces).

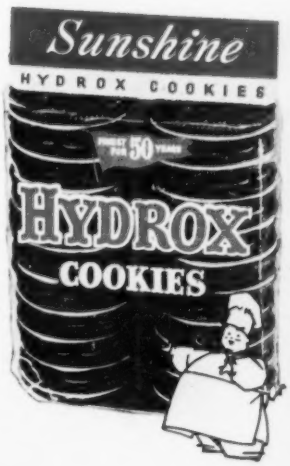
Coffeecake mix is on the market shelf in a 10½-ounce foil-wrapped package. Inside is a plastic mixing bag of dry ingredients—you just add egg and milk, then squeeze to blend! Box also contains packet of cinnamon topping and a foilware pan for baking. Quick and easy.

Banana-nut loaf now comes as a flour mix plus nuts and a jar of crushed bananas—all in a 12½-ounce package. One egg is all you add. Bake in an 8x4-inch loaf pan or as a square or round layer. Spread slices with butter or jelly.

HYDROX loves parties! Has for fifty years...ever since Sunshine first merged

richest chocolate wafers and creamiest vanilla filling into one festive treat.

The ORIGINAL cream-filled chocolate cookie, for fifty years the finest made!

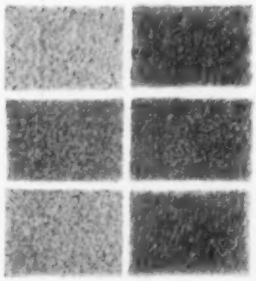


HYDROX at a party...as a party...every bite's a celebration!

See new, beautiful carpeting of 100% Du Pont Carpet Nylon, approximately $9.95, $12.95, $16.95 at these and other fine stores: **ATLANTA**, Rich's, Inc.; **BUFFALO**, The Wm. Hengerer Co.; **CINCINNATI**, The H. & S. Pogue Co.; **DETROIT**, The J. L. Hudson Co.; **HOUSTON**, Sunland Furniture Company; **INDIANAPOLIS**, L. S. Ayres & Co.; **LOS ANGELES**, Barker Bros.; **MIAMI**, Burdine's Downtown (also 163rd St., Fort Lauderdale, West Palm Beach); **NEW ORLEANS**, Maison Blanche; **NEW YORK CITY**, Bloomingdale's; **PHILADELPHIA**, John Wanamaker; **PITTSBURGH**, Wayne-Weil & Co.; **ST. LOUIS**, Lammerts (also St. Louis Hills, Clayton); **SAN FRANCISCO**, W & J Sloane (also Los Altos, Sacramento); **WASHINGTON**, Woodward & Lothrop.

1, 2, 3, O'Leary!

Don't worry . . . your nylon carpet has more spring, more bounce



You just can't count the number of times carpeting of 100% Du Pont Carpet Nylon can be jumped on, stomped on and still bounce back! Thanks to nylon's greater resilience, greater bounce, nylon carpet gives superior recovery from crushing, keeps its texture. This carpeting is ideal for family rooms, stairs, other heavy traffic areas.

Nylon carpeting comes in more new colors, styles, textures . . . wears longer . . . cleans more easily, quickly . . . nylon needs no mothproofing, is non-allergenic. Like more facts? Write for free booklet: Textile Fibers Dept., E. I. du Pont de Nemours & Co. (Inc.), A-1931, Wilmington 98, Delaware.

Du Pont makes fibers, not the carpet shown here.

BETTER THINGS FOR BETTER LIVING . . . *THROUGH CHEMISTRY*

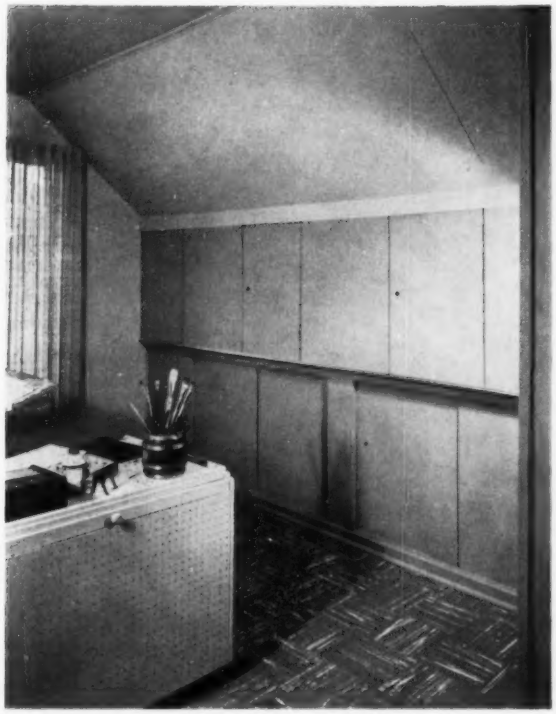
DU PONT

REG. U. S. PAT. OFF.

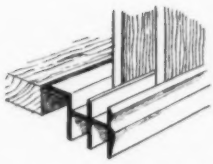
100% DU PONT CARPET NYLON

A family room in the attic

Begins on page 70



A common problem in attic remodeling is the location of cabinets along side walls. By building out from the knee walls here, Ruud was able to build larger cabinets, and can stand erect while using them. The laminated hardboard panels used here for the sliding doors are tempered to resist moisture and abrasion. They come primed, ready to finish in any color you choose.



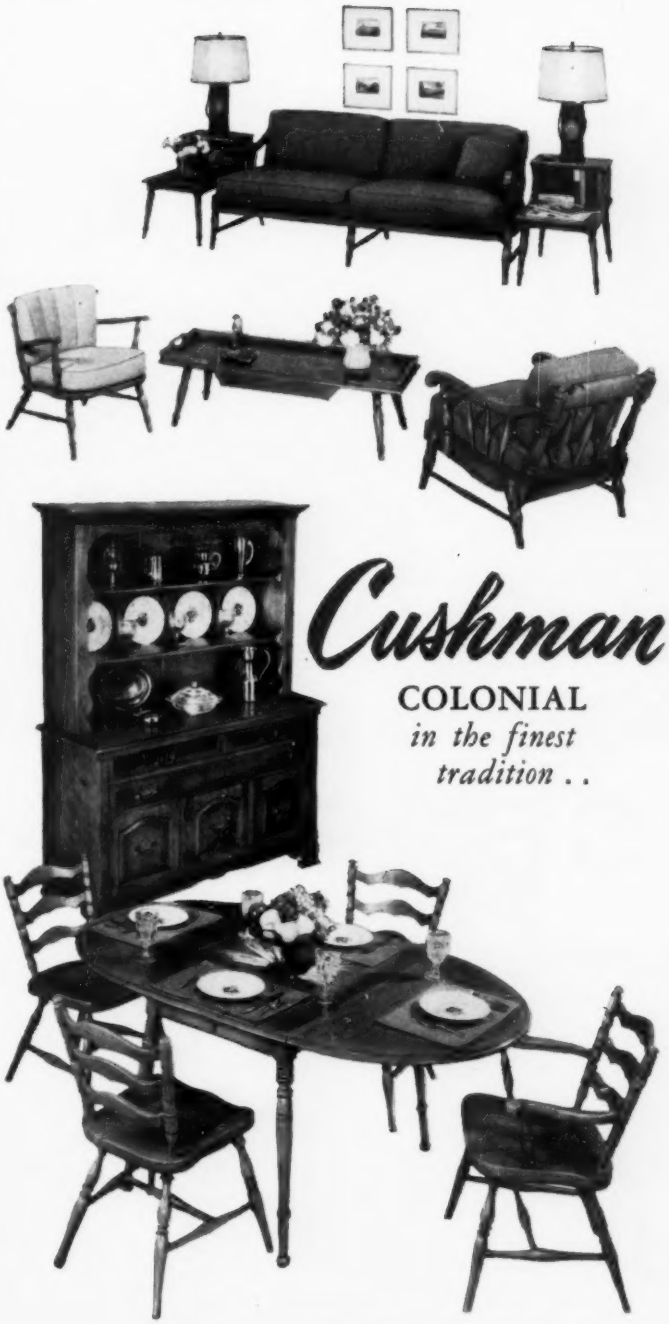
Screwed onto front of cabinet, this new aluminum fascia provides smooth-operating track for the sliding doors.

Precut to shape, the track was simply and easily installed with a screwdriver.

Wall cabinets, shelves, and racks hang on metal splines fitted to hardboard panels.

Units can be relocated by lifting them out of the splines and locking them into the desired position.

More on page 150



Cushman

COLONIAL

in the finest tradition . .

Special Offer

Colonial Cricket Stool

$3.95 POSTPAID

Booklet Free with Stool

THE FAIRFIELD COLLECTION for living-room, dining-room, bedroom—with distinguished details in the finest Early American tradition. From the John Goddard scroll base of the handsome Hutch to the authentic turned posts of the Ladder-back Chair. . . Fairfield gives fresh meaning and charm to Colonial. In two matchable, *mar-proof*, maple finishes—Harvest Brown and Cushman's Original Russet.

A Cushman Colonial maple finished, hand-pegged 13" x 9" x 8" Cricket Stool with retail value of $6.25! Yours at the very low introductory price of $3.95!

HOW TO DECORATE YOUR HOME. Send 25¢ for illustrated 32-page booklet "At Home in Every Setting."

H. T. CUSHMAN MANUFACTURING CO. Established 1886
Box 574, North Bennington, Vermont

☐ Enclosed find $3.95 for Footstool (add 25¢ if west of Mississippi) in Harvest Brown ☐; Russet Maple ☐; and include my FREE copy of "At Home in Every Setting".

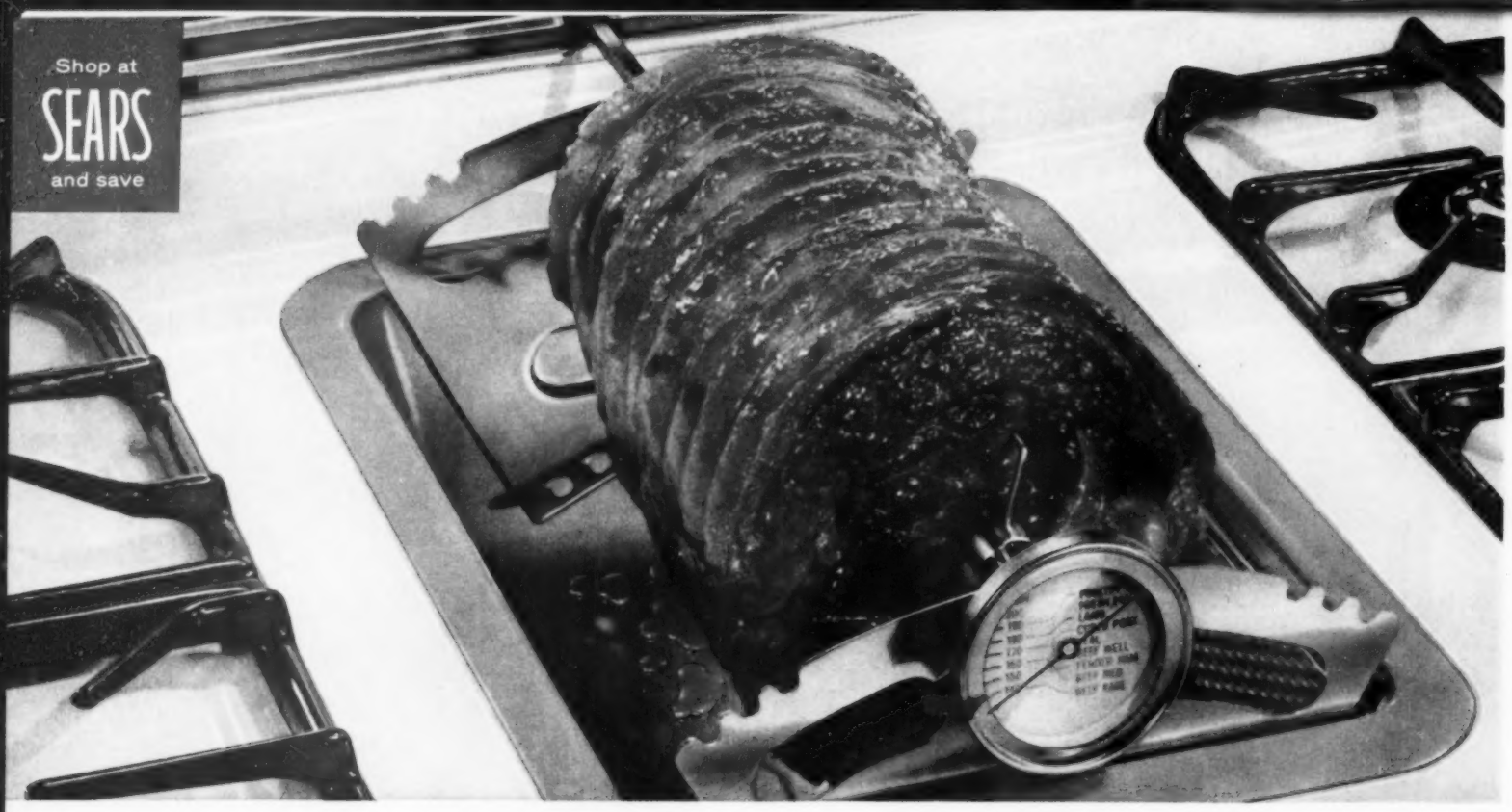
☐ Enclosed find 25¢ in coin for "At Home in Every Setting".

PLEASE PRINT

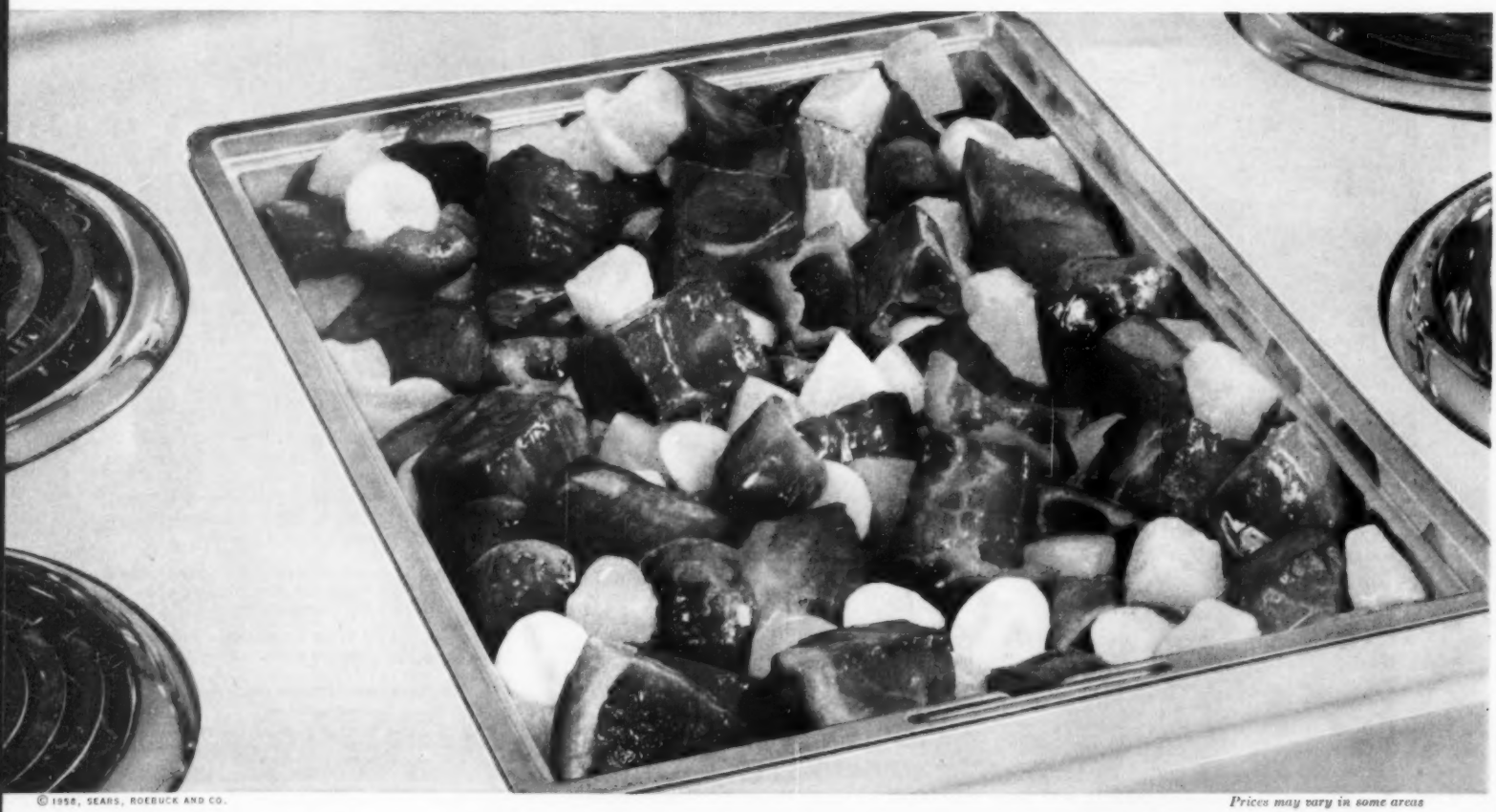
Name _____

Address _____

City _____ Zone _____ State _____



SEARS revolutionizes



© 1958, SEARS, ROEBUCK AND CO.

Prices may vary in some areas

Sears Nation-Wide Appliance Service!

Immediate service is as close as your phone. 6000 factory-trained men in over 1000 locations will keep your Sears appliances in tip-top shape now and for the years to come. Service rates are always reasonable. In fact, service is free during the new-appliance guarantee. All work is fully guaranteed, too!

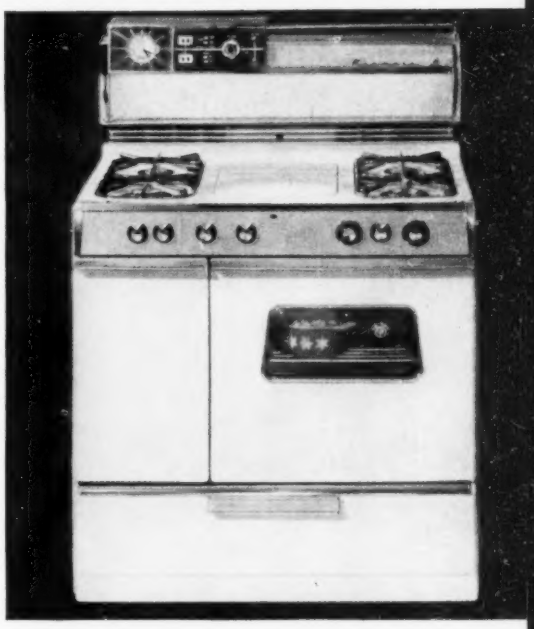
Buy Now! No Monthly Payments 'til June

$5 down on all ranges priced up to $200... $10 down on all ranges over $200. Take up to 24 months to pay on Sears Easy Payment Plan. You can also get these new easy terms now on most other major appliances at Sears! Ask any salesperson in any one of Sears major appliance departments!

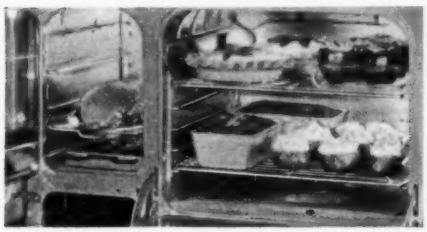
KENMORE RANGES ARE SOLD ONLY AT SEARS... SATISFACTION GUARANTEED OR YOUR MONEY BACK

New Lady Kenmore GAS RANGE

Range-top rotisserie brings outdoor cooking indoors!



Let's have a barbecue! The exclusive Lady Kenmore range-top rotisserie gives you all the fun and flavor of outdoor cooking with none of the fuss. In fact, with the precision motor that turns the spit, and the exclusive, accurate meat thermometer that tells automatically when meat is done, results are even *tastier* than outdoors! Rotisserie converts to range-top broiler or griddle, too. Four top burners include Super Jet (fastest-cooking burner known), two economical simmer burners and the famous Maid-O-Matic Burner that lets you maintain pre-set temperatures so food can't burn, pots can't boil over. 36 inches wide, with modern, square "built-in" look, this is Sears finest gas range, yet costs only $10 down, about $3.75 a week in convenient monthly payments. Other Kenmore Gas Ranges start as low as $99.95.*



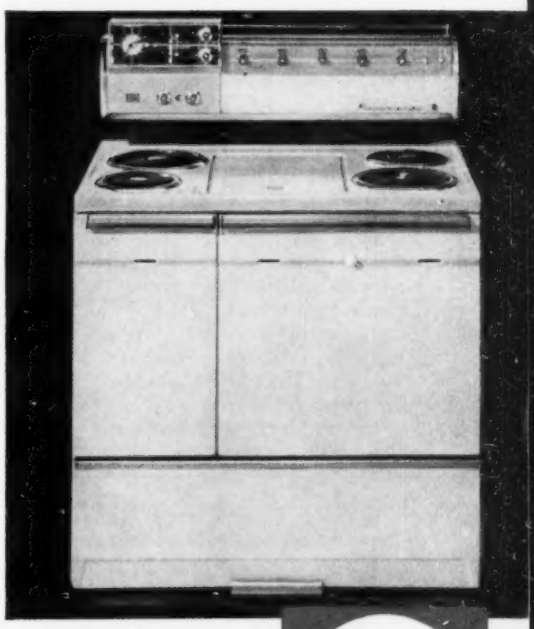
DOUBLE OVEN CONVENIENCE!

Bake, warm or broil in both ovens at once—at different times and temperatures. Both are automatically clock-controlled. Visibake door on main 20" oven has removable, easy-clean glass. Second oven has Ful-Vu glass inner door. And there's a big *separate* broiler, too.

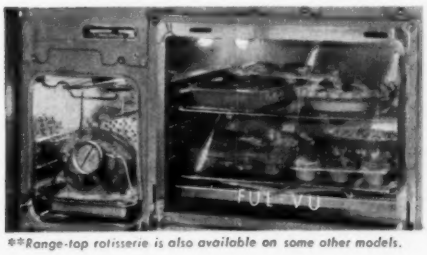
range top cooking!

New Lady Kenmore ELECTRIC RANGE

Range-top Roaster-Skillet cooks 9 ways automatically!



Owners say this versatile Roaster-Skillet is the most popular feature we've ever put on an electric range! Thermostatic "brain" unit controls heat so perfectly that foods can't burn. You can roast, braise, fry, grill, bake, french fry, simmer, steam, even pop corn in the Roaster-Skillet—and it's all automatic! A second "brain" unit controls the main top unit, makes any pot or pan an automatic utensil, lets you *pre-set* cooking temperatures. Lady Kenmore also gives you the *fastest-heating* top unit and oven known! 36 inches wide, with deluxe backguard and the modern, square, "built-in" look, this is Sears finest electric range. The cost? Only $10 down and about $4.75 a week in convenient monthly payments. Other Kenmore Electric Ranges with exclusive Sears features start as low as $124.95.*



SEE WHAT'S COOKING!

Ful-Vu glass seals the main, 20-inch oven, holds in heat but lets you look! Chrome-lined rotisserie oven** is complete with motorized barbecue spit and Roto-Meat-R; also bakes and broils! New, simplified, automatic clock-timer. Huge full-width storage drawer rolls on ball bearings, has convenient Tip-Toe-Matic opener.

**Range-top rotisserie is also available on some other models.*

* **LOW PRICES!** SEARS DOES NOT ESTABLISH ARTIFICIALLY HIGH "LIST" PRICES IN ORDER TO ALLOW SO-CALLED "DISCOUNT" SELLING. SEARS ORIGINAL PRICES ARE LOW PRICES.

Gleaming White or Fashion-right Decorator Colors!
Sunshine Yellow - Candy Pink - Sage Green

Sears best is your best buy!

When you shop at Sears always look at the best first . . . it's your best buy. You'll enjoy the friendly atmosphere of Sears stores and Sears Catalog Sales Offices. And you'll find it convenient to shop from the Sears Catalog in your home by mail or phone. Sears employes, you know, are the largest owners of the Sears business. They'll do their best to serve you well.

SEARS ROEBUCK AND CO.

For varicose veins

51 gauge

ALL-ELASTIC STOCKINGS

by Bauer & Black

So like regular nylons you'll no longer feel "different"

No longer are varicose veins a "problem" condition. Today's woman wears the new, sheer elastic stockings . . . and moves through her busy day (and evening) unhampered by pain or unsightly hose.

Sheer yet all elastic

Her secret: *51 gauge* elastic stockings by Bauer & Black. For these are the only full-fashioned, full-foot hose that employ the famous Bauer & Black principle of *all-elastic support* (with rubber in every supporting thread).

Naturally, more doctors prescribe Bauer & Black all-elastic stockings than any part-elastic brand. There's a style and price for every occasion—at drug, department, surgical stores.

Bauer & Black
DIVISION OF THE KENDALL COMPANY

MAIL COUPON FOR COMPLETE INFORMATION

Bauer & Black, Dept. BH-5, 309 W. Jackson Blvd. Chicago 6, Ill.

Send free booklet on the complete wardrobe of Bauer & Black all-elastic stockings for new leg beauty and comfort (from $6.90 to $16.95).

Name_____

Address_____

City_____ Zone____ State_____

Mother's Day gifts from all the family

For a gal who sews a fine seam

Something small for Mommy

ABOVE. When she must press dark fabrics on the right side, this steam-iron cover prevents shine. Adjustable draw strings assure good fit on any iron. "Asbestall" pressing surface glides smoothly over all types of fabric.

UPPER LEFT. Pleats are in this spring, and to help her keep them there, a transparent pressing cloth. Can be used with both steam and dry irons, is chemically treated to prevent water from permeating the garment. Cover and press cloth, about $1 each. David Traum Co., Inc.

LEFT. For professional-looking covered buttons to complete her costume, get her a buttonmaker set. Equipment for making thirty-six washable buttons. About $1.29. Or simplify her work with this set of DOT fasteners which attach without sewing. About $1. John Dritz & Company.

For a teen-ager's mother

ABOVE. A glamor gift for a glamorous mother — a jewel case containing a removable sewing kit. Finished in beige and brown leatherette, it is lined in two-toned velvet. Ideal for traveling. About $7.95. Coats & Clark.

UPPER RIGHT. Plastic tote boxes are just the thing for storing trims, zippers, and patterns. They slide right onto closet shelf for easy storing. Choice of three sizes in green, beige, or gray. The 11½x18x4½-inch size is $3.95, parcel post included. Fabri-form, Byesville, Ohio.

RIGHT. She'll use these Skalloping Shears constantly—for edging plastic place mats, shelving, and fabric accessories. Half-moon scallop is decorative and highly ravel-resistant: 7¼ inches long. About $7.50. J. Wiss & Sons Co.

More gifts on page 126

New treasury of TONE

Baldwin discovers new sources of fine tone for home organs

Your choice of three distinctive styles: Early American, French Provincial and Contemporary. Seven rich finishes: Light Oak, Cherry, Mahogany, Walnut, Maple, Korina or Ebonized.

More new effects-- more fun to play

Out of the traditions of centuries, Baldwin brings you the finest legitimate organ tone in the most modern of all spinet organs—the *100% electronic* Orga-sonic. It gives you at home the variety of theatre organ, church organ or popular jazz organ all in one, complete with authentic modern percussion effects! Many of these sounds have never before been possible in any organ. It has taken 26 years of research for Baldwin to remove the limitations usually associated with small, home-type organs . . . yet the Orga-sonic costs very little more than many less complete instruments. And no organ is easier to learn. Your nearby Baldwin dealer can provide a chord-playing attachment, but most beginners don't need it. Sit yourself down and dream. You'll be playing real organ before you know it!

BUILT BY
BALDWIN
PIANOS · ORGANS

Baldwin Piano Company, Organ Division, Bldg. 1-A
Cincinnati 2, Ohio
Please send me FREE BOOKLET, "Questions and Answers about Home Organs."

*Name*_____

*Address*_____

*City*_____ *State*_____

ALSO BUILT BY BALDWIN: THE BALDWIN ORGAN: BALDWIN, HAMILTON AND ACROSONIC PIANOS

NuSOFT puts the softness back in everything you wash

FABRIC SOFTENER RINSE

Add it to your final rinse! Works wonders with your wash!

FLUFFY SOFTNESS comes back alive! Even jeans feel nice, towels and sheets are a delight to touch!

"LIKE NEW" LOOK is what NuSoft gives your sweaters, corduroys (see the picture) and blankets. *Keeps* them looking new, too!

EASY IRONING. No stubborn wrinkles after a NuSoft rinse. Your iron glides. Most flat things need no ironing at all.

NO MORE STATIC "CLING". Slips rinsed in NuSoft won't ride up.

HOW NuSOFT WORKS: Just add one handy magic capful to the final rinse. Then everything comes out soft, like new.

GOES TWICE AS FAR AS BOTTLES TWICE AS BIG

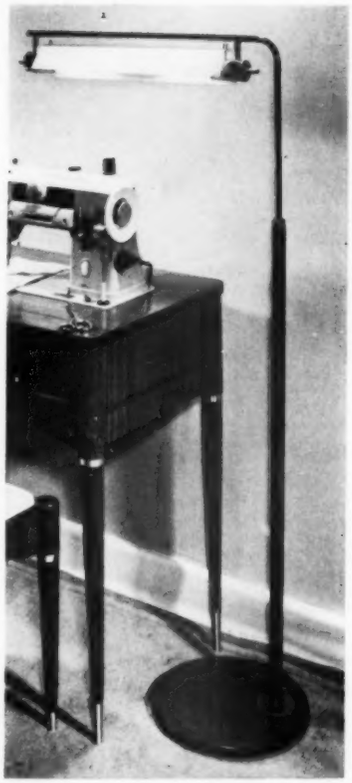
Gifts for the gal who sews

Begins on page 124

From an admiring husband

A sewing box which doubles as a chair requires no storage space. Covered in tweedy-looking plastic, it makes a decorative bench which she could use in her dressing or sewing room.

Removable tray has space for all her sewing gadgets. About $24.95. Singer.



To light her way through her most ambitious projects, an attractive sewing lamp.

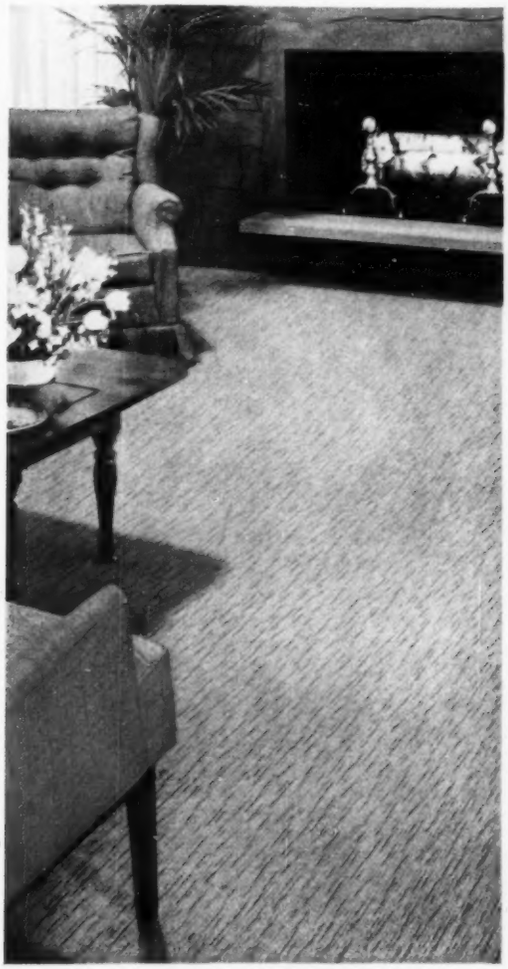
Swing arm affords maximum flexibility—it can be swung from sewing machine to cutting table in one easy motion. A rotating metal reflector permits adjustment to individual requirements.

In ebony and brass, or brown and beige, to blend with any decorating scheme. About $39.75. Lightolier.

If she loves monogrammed linens, she'll be thrilled with this Universal Monographer attachment which will fit most manufacturers' machines.

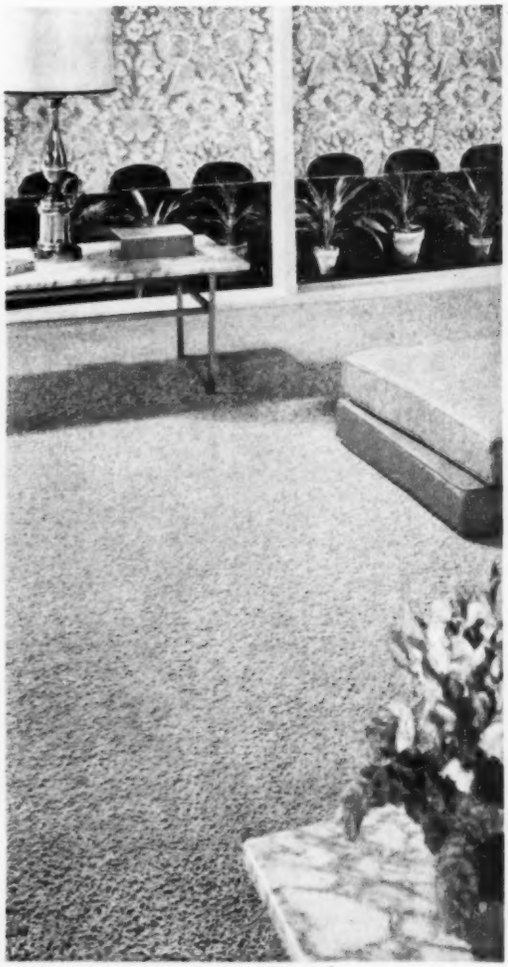
It's so simple to use. The operator traces any monogram or pattern with a stylus, and the machine automatically follows its lines. About $19.95. Made by Necchi-Elna.

Here's why modern homemakers prefer carpet–13 to 1



Only carpet gives you so much for so little! It's true – you can have wall-to-wall carpet in two rooms for as little as $18 to $20 a month, including padding and installation – and take 24 months to pay. Two exciting room-size rugs with padding cost as little as $13 to $15 a month.

For selecting carpet there's no place like home! There you can see how each sample looks with your decor, how the color and texture look with your other furnishings. Your store's representative can use his decorating knowledge to help you choose. Call your store today.



There's a new world of style and color in today's rugs and carpets! American machines and manufacturing methods have created a fascinating range of color, style and fibers – more value than ever before. Your store will be happy to help you choose the rug or carpet that's best for you.

So many women are discovering the beauty, comfort, warmth, quiet and easy care that carpet brings–on budgets just like yours.

If you've been wanting new rugs or carpet – and putting off buying them – there's no need to wait any longer. For as little as $10 a month you and your family can start now to enjoy extra warmth and comfort, blessed quiet and an end to tedious scrubbing and waxing. And, carpet made in America is backed by the skill and facilities of the world's leaders in carpet manufacturing. Drop in at your store – or ask them to send a representative to your home with samples. You'll be so glad you did. For further information to help you in your choice, send for your free copy of "How To Buy Your Rugs And Carpet Wisely." It answers all of the questions women ask most about rugs and carpet – how can I judge quality? Should I buy wall to wall or rugs? How can I estimate how much my carpet will cost? Clip and mail the coupon today.

For your protection, be sure that the rug or carpet you buy is backed by the knowledge, the facilities and the integrity of an American manufacturer. Look for the label of:

ARTLOOM • BARWICK • BEATTIE • BIGELOW • CABIN CRAFTS-NEEDLETUFT • DOWNS
FIRTH • GULISTAN • HARDWICK & MAGEE • HIGHTSTOWN • HOLMES • KARASTAN
LEES • MAGEE • MASLAND • MOHAWK • MONARCH • PHILADELPHIA CARPET • ROXBURY
SANFORD • ALEXANDER SMITH

CARPET INSTITUTE, INC., 350 FIFTH AVENUE, NEW YORK 1, N. Y.

CARPET INSTITUTE, INC., Department 5B
350 Fifth Avenue, New York, New York

Gentlemen: Please send me my free copy of "How To Buy Your Rugs and Carpets Wisely."

Name_____

Address_____

City and State_____

Home means more with carpet on the floor – more comfort • quiet • safety • beauty • easier care

Pick your house colors from the world's finest selection by Benjamin Moore Paints

Ever see such exciting colors? They'll make your home a standout! And Moore's House Paint itself is a standout in performance, economy and durability. For the finest selection of house colors see your Benjamin Moore Paint Dealer.

Seventy-Fifth 75 Anniversary

Benjamin Moore® paints

A family room in the basement

Begins on page 72

Here's a handy laundry corner you could adapt to almost any basement!

BEFORE. Laundry section of utility room was cluttered, unpleasant in appearance.

There was no counter space, almost no room for storage. Washday at the Ragers came to be a real Blue Mom-Day.

AFTER. Now Mrs. Rager has plenty of elbowroom for sorting clothes, plus ample storage on two shelves below. Combination clothes chute and hamper is an idea that saves time and steps. (Perforated hardboard sides keep clothing ventilated.)

More on next page

New Life Insurance Idea!

One physical examination guarantees you can add insurance through the years

Another First from
BANKERS LIFE COMPANY
of DES MOINES, IOWA

Here is a revolutionary new insurance idea* that guarantees you "insurability" to age 40 . . . gives you the *right* to buy added insurance at standard rates . . . regardless of health. When you need more insurance and can afford it, you know you'll be able to get it.

With the purchase of a $10,000 policy on a man, woman or child, it *guarantees* the right to purchase *without further evidence of insurability* . . . on every one of as many as six specified option dates between ages 25 and 40 . . . a *new* insurance policy of as much as $10,000.

And the monthly cost of this extraordinary "guaranteed purchase option" is only *pennies per thousand!*

This new insurance plan is a blessing . . . to every man because he will at some unknown time cross the line of insurability . . . to the successful Dad who wants to *make sure* that his children will be able to buy the life insurance they will need . . . to the young man just starting out . . . to the professional man who looks forward to rising income as he progresses, and seeks to improve his insurance picture when he wants to, and can afford it.

It is truly an insurance plan that "grows with the man" . . . *guarantees* availability of new insurance security as he advances in age.

Call the Bankers Life Man in your community. Or write to Bankers Life Company of Des Moines at the address listed below. Find out about the advantages of this new "insurability insurance." *Available in most States

OVER 3 BILLION DOLLARS INSURANCE IN FORCE...POLICYHOLDERS FROM COAST TO COAST

BANKERS *Life* COMPANY

Des Moines, Iowa

Branch Offices in Principal Cities from New York to Los Angeles

Over 75 Years of Service

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Personal Life Insurance
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Bankers Life Company, Dept. BHG-58
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Please send me the facts about your exclusive new "Insurability Insurance" program. No cost or obligation.

Name _____

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Here's true window beauty for your new home!

When you plan the home of your dreams, be sure you have Andersen WINDOWALLS! These famous wood window units admit cheery sunshine, oceans of fresh air; yet they *close tight* for all-weather comfort. They're Penta-treated for permanence. Have your architect, builder or lumber dealer help you choose the Andersen WINDOWALLS for your home: Or send the coupon to Andersen for helpful booklet filled with window ideas!

Andersen Windowalls

TRADE-MARK OF ANDERSEN CORPORATION

Send for FREE window ideas booklet!

Andersen Corporation, Bayport, Minnesota BHG-58

Please send me a FREE copy of "32 IDEAS FOR WINDOW BEAUTY."

Name.....

Address.....

City.....Zone....State.....

He said: "Vergeben Sie mir das ich so früh weg gehe." **("Ach! Fraulein, forgive me for leaving so soon.")**

He meant: "Lass mich heraus! Die luft hier ist furchtbar!" **("Pfui! Get me out! The air here is terrible!")**

She Must Have Used An Ordinary "Cover-Up" Deodorizer!

This couldn't have happened with air-wick

Did you know that *America's* leading home deodorizer is the world's leader, too? The popularity of Air-Wick has spread all over the world—to Germany, England, Japan... sixty-two countries in all!

People of all nationalities depend on Air-Wick because it has been proven 3 times as effective... faster... more pleasant to use.

Use handy wick or speedy spray...deodorize the Air-Wick way!

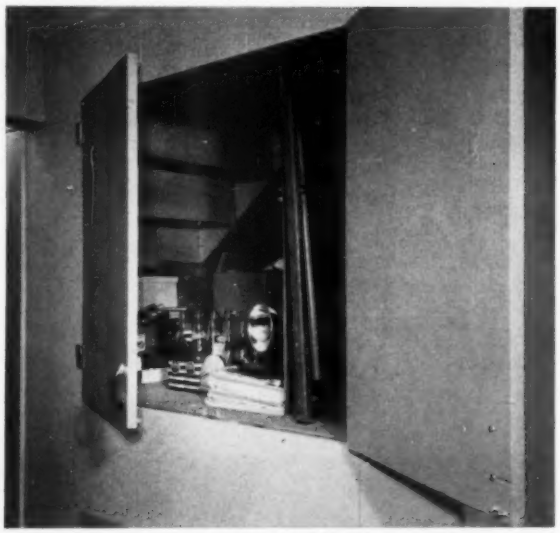
A family room in the basement

Continued from preceding page

BEFORE. Jumbled understair storage was natural result of shabby, exposed condition. Studs blocked access, prevented full use of valuable space.

AFTER. Wide-opening doors at eye level reveal new, useful storage area. New horizontal member above doors allowed studs to be cut out.

Vertical divider panel inside permits easy filing of folding table. Neat appearance of cabinet encourages neat storage!



Everything's off the floor—even workshoes and rubbers—on this broad storage wall at top of basement stairs. Holes and adjustable hooks make hanging a variety of articles easy. Note: hardboard is moved out from wall framing by concealed wood spacers; no holes are blocked by supports on the other side.

Never before a convertible with such beauty, brawn and power—yet priced lowest in America.

America's best-selling convertible has the magic of the Thunderbird

Fabulous Thunderbird-inspired styling, mighty Thunderbird V-8 power and up to 12% easier steering are only part of the Sunliner's worth-more story.

For here's the "onliest" convertible in its field. The only one with top attached to roof supports so the top accordion-folds *itself* when lowered. The only convertible with *one* zipper across the rear window for the easiest operating, most foolproof rear window in its field. Yes, from fade-resistant top to exclusive vinyl-textured floor covering, Ford's Sunliner gives you the most in its field . . . the most rear leg-room, the most body mounts and the *most* for the very *least*. It's America's lowest priced convertible! Come in, see for yourself why Ford sells nearly *twice* as many convertibles as its nearest competitor.

nothing newer in the world

58 FORD

Like every Ford it has that Thunderbird touch. Coming or going—every beautifully sculptured line between the Sunliner's Safety-Twin headlights and taillights has the dashing design of the breath-taking new Thunderbird!

GARDENING
is more fun with
TRUE TEMPER tools

IT'S A PLEASURE to use these superb new ROCKET hedge shears. Gleaming, tubular steel handles absorb shock, won't bend or break. Nonslip cushion grips. Clean, fast cutting. No. AT85.

$8.50

NEW

$3.50*

DIGGING IS EASIER with this lightweight garden shovel in a new, small size. Especially good for the lady gardener, and all light digging. With D-top or long handle of fire-hardened ash – smooth, comfortable, splinter-free. No. HGD, HGL.

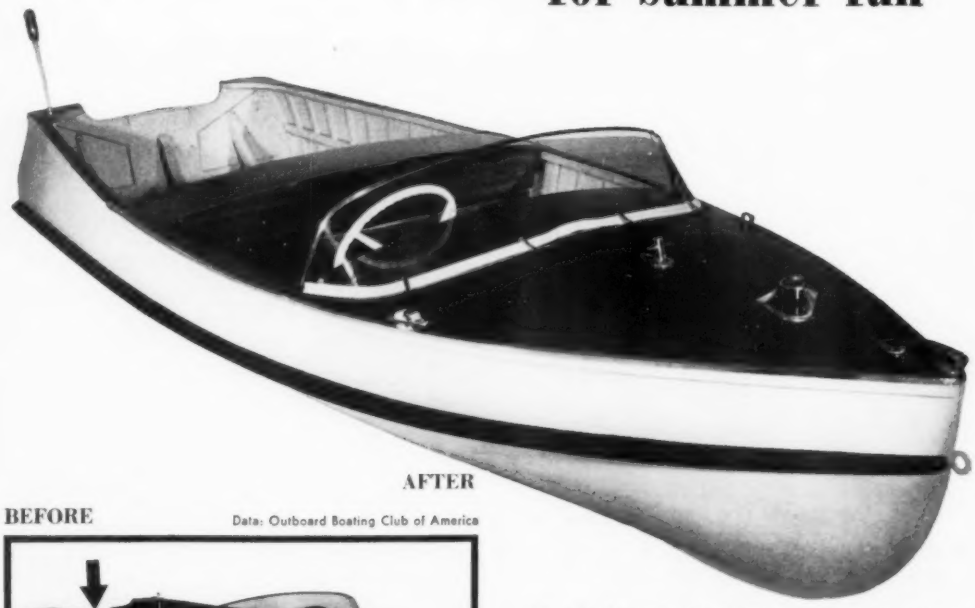
*Slightly higher West

SEE THIS HELPFUL CHART AT YOUR DEALER'S NOW

It's chock-full of information on correctly designed True Temper tools. For a free copy, write True Temper, Dept. BHG5, 1623 Euclid Ave., Cleveland 15, O.

TRUE TEMPER
THE RIGHT TOOL FOR THE RIGHT JOB

How to get your boat ready for summer fun



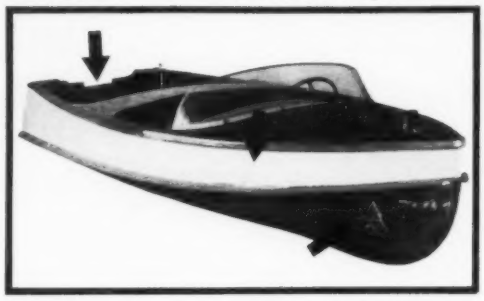
AFTER

Here's the refinished boat. It's been painted, new seats and deck fitted, hardware refurbished or replaced, and the transom repaired and padded.

Ordinary workshop tools were used, and the work required only a couple of weekends, but the value of the boat was increased by $250.

BEFORE

Data: Outboard Boating Club of America



Inspect your boat every time it's out of the water. Look for dry rot; cracks or damage on the hull; cracked or peeling paint; loose or broken fittings. If you use an outboard motor, double check the transom.

Frequent, careful inspection and immediate repair are the keys to easy boat maintenance.

By R. B. Kirkpatrick

If you're one of the 35 million Americans who helped make boating the country's most popular participant sport last year, there's probably no need to tell you that working on boats is a big part of the pleasure of boating.

What's more, your boat will be faster, safer, and more fun to use if it's kept in good condition. Following these easy tips for maintenance can add years to the life of your boat and stretch your boating budget.

A word of caution—the materials you have left over from other projects should not be used on your boat. Ordinary paint, glue, wood, and fasteners aren't intended for marine use, and a bad guess could undo all your work.

In many cases, widely different materials are available for use on any boat job. Be sure to check with your dealer or manufacturer and get the correct marine-approved materials recommended for your boat and locality.

When buying materials, choose the best you can afford. The price difference is seldom great, and quality materials will pay off in good performance and a lasting job.

Here's how we did it

Photographs: Stanley Warren

The first step in any boat project is a thorough cleaning. Scrub out with hot water and a detergent. The long-handled "gong" brush shown is ideal.

After scrubbing, stand the boat on its transom and rinse with a hose. On larger boats, roll to one side so the water can run out through gunwales.

More photographs on page 134

AGELESS BEAUTY... WHEN IT'S PANELED WITH WOOD

From childhood we all have warm memories of a delightful room . . . a room of graciousness and beauty. It may have been in a modest home, an old home, a lakeshore cottage, or a crisp suburban contemporary. No matter where, many such rooms owe their charm and friendliness to the mellow tones of wood paneling, which gives rooms character while gaining in beauty with each passing year.

You, too, can enjoy such beauty in your home. Knotty Pine paneling, a richly patterned wood which is a traditional American favorite, has been used in the charming room on the right. In addition to pine, there is a broad line of Weyerhaeuser 4-Square wood panelings—giving you a wide selection of species and grades in modern patterns. Also included are economical plywood panelings and pre-assembled panels for easy installation.

Ask your Weyerhaeuser 4-Square Lumber Dealer to show you all of his panelings. Or write us today for the colorful reference book, "Ideas for Decorating with Wood Paneling."

Weyerhaeuser 4-SQUARE®

LUMBER AND BUILDING PRODUCTS

Cabins—Ready for your lakeside cottage or mountain cabin? Your Weyerhaeuser 4-Square Lumber Dealer will show you a selection of new ideas and designs. Or write us for a free copy of an interesting "Cabins and Cottages" book.

Basically Better because . . .

Trademarked Weyerhaeuser 4-Square Lumber is:

- **PROPERLY SEASONED**—by scientifically controlled methods of drying which produce lumber that has maximum strength, finishes easily, and holds nails securely. Kiln-drying also promotes dimensional stability.
- **PRECISION MANUFACTURED**—to accurate lengths with smooth, square ends which eliminate needless trimming, sawing, fitting, and material waste.
- **CAREFULLY HANDLED**—through every step from forest to lumber yard so that you receive it clean and undamaged, in top condition for your particular use.
- **UNIFORMLY GRADED AND IDENTIFIED**—so that each piece meets the strength and other quality requirements of its grade.
- **AVAILABLE IN A BROAD LINE OF PRODUCTS**—for your building needs. Ask your dealer for Weyerhaeuser 4-Square dimension lumber, sheathing, siding, panelings, mouldings, plywood, hardboard, particle board, or any of many other items. The Weyerhaeuser 4-Square trademark is your assurance that you are buying lumber and building products which are basically better.

Weyerhaeuser Sales Company

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How to be SURE you get the RIGHT sprayer or duster

Let Hudson's 53 years of helping gardeners help you...

Choose a HUDSON from your dealer and you have the BEST sprayer or duster for your job. Professionals agree this is THE WAY to spray or dust. Never drag a heavy, damaging hose through shrubs or gardens or across lawns to put on pesticides uncertainly or wastefully. A HUDSON lets you apply the expensive pesticides you need just where needed in just the amount needed. No waste of broadcast drenching, throw-away or pressurized packages. Your HUDSON can serve for years at lower cost and give professional results, easily.

SUBURBAN*—the 10-gallon sprayer at a 5-gallon price... right for effortless spraying of lawns, shrubs, trees. Full range of spray patterns. Handles any sprayable solution. With engine or electric motor.

SIMPLEX®—Finest, safest compression sprayer; right for garden, shrub and lawn spraying. Pressure-tight cover seals from inside. Easy to fill. Adjustable nozzle for fog-to-coarse spray. 4- and 3½-gal. sizes.

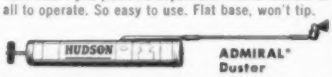
TROMBONE®—High pressure fog or long-range stream from any container. Right for spraying trees, shrubs, and fighting fire. Pistol grips for easy spraying. Precision built. 3 models, 3 prices.

PORTA-SPRAYER* provides power-sprayer pressure at hand sprayer cost!

MATADOR* power sprayer. Right for larger gardens, estates. Gasoline engine; 15, 30, 50, 100 gal. Pressures: 250 and 350 lbs.

FAVORITE®—The right compression-type garden sprayer for your family, easily operated by woman or child. Sprays fog-to-coarse spray. Pumps up easily. 2-gallon size. Other models in 3- and 3½-gal. sizes.

BANTAM*—Rotary duster... right for dusting roses, glads, other plants with pesticides. Puts fine cloud of dust where you point its adjustable nozzle. Easiest of all to operate. So easy to use. Flat base, won't tip.



ADMIRAL* Duster

Just right for putting insecticide dust where you want it, in cloud or spot. World famous!

Small Hudson sprayers are right for in and around the house: 2-Spray® stainless steel Eclipse for moth control, garden pests. 4-jet Nebu-Lizors for quickest kill of flying insects, deodorizing. Always re-usable!

HYDRA-GUN* is right and convenient for high-pressure fog or long-range spraying. ½ gal. glass jar. 2 models, 2 prices.

SIGN OF THE BEST BUY

HUDSON

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SPRAYERS AND DUSTERS

For 53 years your Best Buy

wherever hardware and garden supplies are sold

Guaranteed by Good Housekeeping

TRADEMARK

H. D. HUDSON MANUFACTURING COMPANY • CHICAGO 11, ILLINOIS

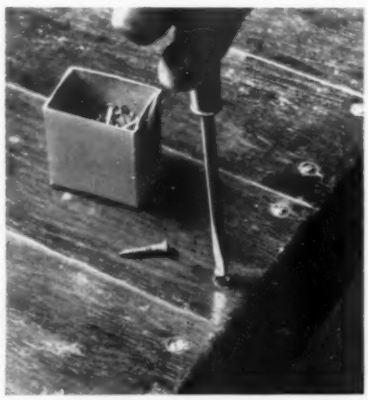
How to get your boat ready

Begins on page 132

If the painted surfaces are cracked or peeled, or the boat has been repainted often, the old paint job probably won't support another coat.

It's better to remove the old finish than to take a chance on painting over it. Too many coats of paint add weight and are unsightly.

Begin any major boat job by removing everything that is detachable. You can work on seats, floor boards, and hardware later, or when wet paint stops the main job.



Round or oval head screws which protrude from the surface should be removed. You can replace them with flatheads one at a time without disturbing the planking.

The replacement flatheads can be countersunk, filled, and left in place, or they can be replaced with roundheads after the refinishing.

Any removable wood trim, such as coamings, skid rails, or splash rails can be taken off, repaired, and replaced before painting begins.

Paint remover does a quick, easy job of removing the old finish. If you use a power sander, be careful to avoid marring the wood.

It's best to use a good paint remover. Brush it on liberally, let it bubble for a few minutes, then remove the paint with a scraper.

On uneven or vertical surfaces where liquid remover runs off, use the paste type.

Repeat with more remover and the scraper, working until only bare wood shows.

After removing the old paint, take the time to repair the wood surface. A little time spent on this will ensure a good-looking, lasting job.

Fill cracks and holes with marine putty or a fiber glass filler. Build up the patch above the surface, let dry, then sand or plane level.

Check all the old putty and replace any that's loose.

Go easy on calking. When the wet wood swells, it will force out any excess, or may buckle planks or strips.

More on page 136

So little lets you live better *electrically* in this new General Electric Kitchen

$39.00 A MONTH* HAPPY HAVEN KITCHEN. An easy budget plan can bring you this better way of living. Spread payments up to 5 years. Or if you build or buy a new home, add $6 or $7 a month to your mortgage. You'll love this original kitchen-laundry. Combination Washer-Dryer with Wall Oven above. Handy Cabinettes over Base Cabinets; Textolite® Countertop with built-in Range Units, Sink with Disposall®; Undercounter Dishwasher, big two-door Refrigerator-Freezer, Air Conditioner.

$52.00 A MONTH* MERRY MANOR KITCHEN puts you and your family at ease. For less than typical monthly car payments you can have this complete General Electric Kitchen-Laundry in convenient built-in style! Spacious G-E Cabinets, Sink with Disposall, Undercounter Dishwasher, 13 cu. ft. Refrigerator, Upright Freezer, Filter-Flo® Washer, Dryer, Air Conditioner. Serving bar divider has 40-inch Range. Your G-E Kitchen Dealer will make a plan to fit your space. Remodel now.

GENERAL ELECTRIC

*Approximate monthly payments—based on credit terms after 10% down payment under a Kitchen Modernization Plan—available from General Electric Credit Corporation—or any financing institution you choose. Installation and accessories shown additional. All prices subject to local variations.

General Electric Home Bureau, Appliance Park, Louisville 1, Ky.
Please send a local representative to survey my kitchen needs.

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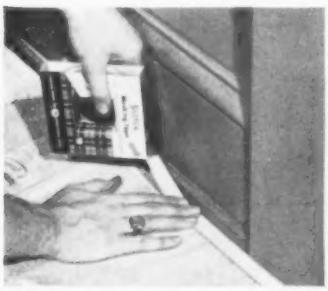
CITY _____ ZONE _____ STATE _____

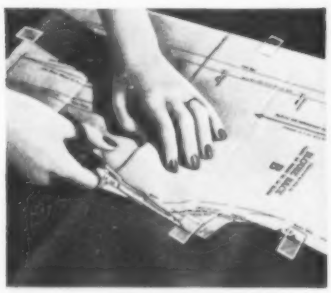
BH&G-5

Which "SCOTCH" Brand Tape do you need today?

Use "Scotch" Colored Plastic Tape to mend a torn plastic apron neatly. Popular clear plastic makes invisible repair. Tape is thin but tough, bends without cracking. Get waterproof "SCOTCH" Plastic Tape in new clear, white, yellow, red, green, blue, brown or black. 25¢ and 50¢ at stores everywhere.



Get "Scotch" Masking Tape to keep paint jobs neat. Use tape with folded paper to protect carpeting when painting baseboards. "SCOTCH" Masking Tape stretches, sticks tight, strips clean. Paint will not bleed through. 35¢, 69¢, 98¢ and $1.69 sizes available wherever paint is sold.



Let "Scotch" Cellophane Tape hold a pattern to material. Tape holds tightly —cut right through it! "SCOTCH" Brand is clearest, strongest, sticks longest. 15¢, 25¢, 39¢ rolls in self-dispenser. 59¢ economy size fits most dispensers.

Shopping tip: All the "Scotch" Brand Tapes are so handy, be sure to keep them handy . . .

Next time buy two!

MINNESOTA MINING AND MANUFACTURING COMPANY
. . . WHERE RESEARCH IS THE KEY TO TOMORROW
3M COMPANY

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How to get your boat ready

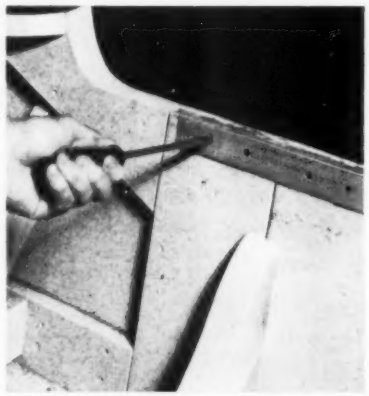
Continued from page 134

On larger damaged areas, remove broken or rotten wood and splice in new pieces.

Reinforce any large patches from the inside, fastening securely to the sound sections on all sides of the patch.

For best results on molded plywood boats, use a repair kit your dealer can supply.

Use a bedding compound on large patches, making sure all cracks are sealed. Then sand or plane the patch from the outside until it's level and smooth as possible.



If your transom shows wear from motor clamps, rout out the worn area and mortise in a hardwood block as shown.

Fit the block to make the transom thicker at the top than where the clamps fit. This will help hold the motor securely even if the clamps work loose in operation.

A rubber transom pad will also help hold the motor, will protect the transom, and reduce motor vibration.

Check the transom for weak spots. Brace where necessary.

After filling and patching, sand the entire boat. Hand or block sanders are best, or use a vibrating sander with fine grit sandpaper.

Use a wet cloth to raise grain after sanding, then sand again. Repeat this until the surface is smooth.

Remove sanding dust with a vacuum cleaner, then wipe the surface with a rag soaked in turpentine or thinner.

Replace the wood trim and check all edges and corners at bow, deck, and transom.

When you're satisfied that the wood surface is as smooth as possible and all sanding dust has been removed, apply a good marine wood primer.

Two light coats are best, sanding lightly between the coats and after the second.

The pigmented primer can save time and weight by reducing the number of coats of finish paint required.

Be sure that all the dust of sanding settles before you begin painting. Don't sand again around wet paint.

More on page 138

IT'S A CAREFREE LIFE WITH THE *Flexalum*® PATIO AWNING

Picture your home with a Flexalum patio awning like this. It can add new fun, new comfort to your outdoor living. And the Flexalum Awning is *the most carefree awning in the world.* It stays new-looking for years, requires no maintenance. Flexalum heat-treats its own spring-tempered aluminum . . . then adds 2 coats of an *exclusive* baked enamel finish for brilliant colors that resist chipping, cracking or peeling—in any weather. Halo-light design, all-white undersides, no "nuts and bolts" look mean a more attractive awning from underneath, too. Choose your Flexalum awning from over 100 color combinations. Matching awnings for windows, doors, carports come in 5 basic styles (horizontal and vertical) so you can do a real custom decorating job. Flexalum dealers are listed in the Yellow Pages. Visit or phone for free estimate.

For free "exterior decorating" booklet, write **Hunter Douglas Aluminum Div.** of Bridgeport Brass Co., 405 Lex. Ave., N.Y. 17

One of Flexalum's 5 window styles.

The fact is...

Original photograph proves that a glass plate washed in a dishwasher with New Formula Electrasol is so clean you actually can read through it.

Electrasol has the exclusive formula that Stops Spotting . . . cleans so thoroughly, rinse water slips off in sheets. You get spot-free, sparkling results . . . every time. It's the brand *recommended by leading electric dishwasher manufacturers!*

MOST ECONOMICAL...Electrasol gives you 20% more detergent for your money.

Another Famous Product of ECONOMICS LABORATORY, Inc.

You'll Agree with the Better Builder...

"CLASSIC" CUSTOM-BILT® ELECTRIC RANGES ARE THE FINEST!

When quality and real long-term value are of first importance in choosing built-in ranges, better builders specify L&H Custom-Bilt Electric Ranges.

There's no arguing with the simple, striking beauty of the L&H "Classic" oven and cooking top, and with the lifetime quality that L&H builds in to let the owner take out in longer, trouble-free service. Available in a wide selection of ovens and cooking tops.

When building or remodeling, tell your builder and architect . . . "L&H, by all means."

Stainless steel cooking top with 4 elements and griddle, one of many models. L&H Ovens with rotisserie and "Easy-View" window optional; also double ovens.

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The Leader in Electric Ranges
L&H
Since 1910

How to get your boat ready

Continued from page 136

Apply marine enamel with a long, even stroke, brushing with grain and using just enough paint to get a smooth surface. Work from top down.

Several thin coats are better than a single heavy one. Sand lightly between coats with a padded block.

Finish all the larger areas before painting the trim. Use masking tape wherever necessary to cut a dividing line.

After painting, bottle a small amount of every color used for future touch-ups.

If you're doing a complete refinishing, you can greatly improve your boat's appearance by painting the inside, too.

On this boat, the old varnish was sealed with shellac and a plastic primer, and the inside was sprayed with plastic "spatter" paint. The spray proved very handy here.

After the inside was painted, the gunwales were planed and sanded, then varnished to match the mahogany trim.

Fitting new decks and seats isn't difficult, and really pays off in appearance.

These decks were cut from ¼-inch marine mahogany plywood, the seats from 1x8 mahogany. The wood was filled and stained, then given three coats of marine varnish.

Ribbed boat nails were used here instead of screws. They have great holding power, and the heads are decorative.

After all paint has dried, replace metal trim strip and install the hardware.

Maintenance tips for other types of boats

Metal: Tighten loose rivets; install new rivets to close any open seams; pound out dents with hammer and dolly. Patch with a kit available from your dealer. If painting, clean first with metal etching cleaner, apply a marine metal primer, then the finish coat.

Fiber glass: Use repair kit, but get brand that matches your boat. Paint with fiber-glass approved paint, or use special primer that allows use of marine enamel. Rough open weave can be eliminated by using heavy filler prime coat now available.

Canvas: Patch small holes or rips with canoe glue, reinforced inside with canvas patch. For major repairs, get a kit and follow instructions. Remove old finishes with paint remover and careful scraping. Clean remover off with alcohol and let dry thoroughly. Sand lightly, then apply special brushing dope as directed.

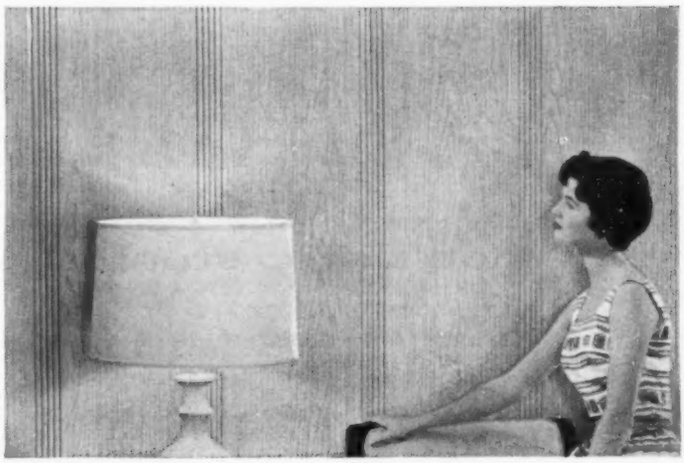
MASONITE
Makes the News

Feature wall—Masonite Seadrift

Decorator panels spark a new interest in remodeling

Masonite® Seadrift renews your walls, creates the look and feel of weathered wood—with economical, easy-to-apply panels. Textured surface sets off a feature wall to perfection ...blends beautifully with brick, stone, paint or patterns. Paint it quickly and easily in the color of your choice. Just one of many "spruce-up" panel materials by Masonite.

Masonite Misty Walnut Panels put richness within reach—a handsome wood-grain pattern on strong, durable hardboard. And how these panels simplify your room remodeling! Misty Walnut goes up in handy four-foot widths... eliminates tedious matching and fitting, no filling or sanding...so easy to maintain, too—wax, then whisk away dust with a damp cloth.



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MASONITE® Panel Products

HOME IMPROVEMENT COUNCIL

$125,000 HOME IMPROVEMENT CONTEST—you may be a winner! Ask your lumber dealer for full details.

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Please rush me your colorful new booklet of remodeling ideas with easy-to-use Masonite panels. I enclose 10¢ to cover costs of handling and mailing.

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Address.....

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Science opportunities for teen-agers

By Herbert and Dixie Yahraes

Demonstrating the effect of an electric spark on methane, 16-year-old Phoenix, Arizona, high-schooler competed at Washington, D. C. He was one of 40 finalists for $25,000 in 1957 Westinghouse science scholarships.

← Student researchers on summer jobs at Operations Research Office use recording and control devices in conducting field experiment to determine the unaided human's ability to locate source of machine gun fire.

In the next 20 years, the country's need for scientists will double. Our hope rests on today's high-schoolers. Here are inducements to interest them in science

At the age of 17, Galileo made one of the basic discoveries of science—that the time of a pendulum's swing stays the same no matter what the arc. At 20, Halley published a paper on planets' orbits. At 21, Davy discovered laughing gas. Marconi, at 20, was deep in wireless telegraphy. Edison got his first patent at 21.

Science has *always* lured youth. The effort being made by this country to strengthen and increase youngsters' interest in science is the greatest ever seen on the face of the earth—with one exception. That exception is Soviet Russia, which graduates twice as many scientists and engineers as we do. The Soviet effort is based on a government-imposed educational program; ours, on the voluntary work of individuals, industries, and various organizations.

Experts doubt that we are practicing the American way hard enough. Alan T. Waterman, director of our National Science Foundation said recently: "Our scientists and engineers compare favorably, both in number and in quality, with those of other countries. But we will quickly lose this advantage unless we provide greater support to basic research, and unless we set about reaching and training an even greater number of students with aptitude for science and providing every encouragement to the highly gifted."

A hopeful sign is that help is being extended to youth. For example, the Operations Research Office in Bethesda, Maryland (a division of the Johns Hopkins University), gives summer jobs to some high school boys and girls talented in science and mathematics. Their salaries help [*Turn to page 143*

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Science opportunities for teen-agers

Begins on page 141

meet first-year college expenses. They learn from senior staff members, are introduced to books on science and the marvels of an electronic computer. They receive vocational guidance.

The first group, two years ago, was handed a man-size research problem: If the Soviet Union made an all-out thermonuclear attack on the United States, how would radioactive fallout affect the Eastern seaboard? This was part of a study O.R.O. was doing for the Army.

The youngsters had to consider such matters as how the wind blows on any given day, how far a radioactive particle of dust is likely to travel in a given length of time, and how long a rescue team can work without receiving a critical dose of radiation.

The students used only sources of information available to anyone, including Communist agents. But they fitted the data together so effectively that the Atomic Energy Commission and the Department of Defense held up their report several months before concluding it might be discussed publicly.

The researchers' average age was 17½ years. Yet the scientists and Army officers who examined the work said it was certainly on a par with the work of the permanent staff. Dr. Ellis A. Johnson, O.R.O. director, added that hiring the teen-agers had actually saved money. Last summer, O.R.O. gave problems dealing with weapons as well as civil defense to a still larger group of youngsters.

In giving responsibility to teen-agers, O.R.O. is applying the results of an experiment conducted by Mr. and Mrs. Frederick R. Avis in cooperation with the Jackson Memorial Laboratory at Bar Harbor, Maine, and with the Worcester Foundation for Experimental Biology, located at Shrewsbury, Massachusetts.

There, each summer, high school biology students once they have learned basic research techniques, can go ahead with the same types of problems that are handled by adult scientists.

Student employment programs similar to O.R.O.'s have proved their worth at Dow Chemical in Texas and Michigan, at the National Bureau of Standards, Washington, D. C., and at the Hughes Aircraft Company in Culver City, California. Under a New York City Board of Education program, 30 high school students spent the summer as assistants to industrial engineers and scientists, at $50 a week.

Extending similar programs throughout industry may help to solve the scientific manpower shortage. Some 15,000 industrial organizations are concerned with research, and they could attract and aid 100,000 gifted youths.

Another significant advance can be seen in the science fairs that light up auditoriums across the land. There are regional fairs, followed by the National Science Fair, open to the high school sophomores, juniors, and seniors who have won in an earlier event.

The prizes at the national fair are equipment that a winning contestant wants in order to continue his study and experimentation. More than the prizes, the contestants value the trip—to Oak Ridge, Tennessee, in 1953, for instance, and to Los Angeles in 1956.

At regional fairs—sponsored by newspapers or educational institutions, in cooperation with civic groups, industry, and the medical profession—the award list may be longer than at the national. The list at the Lehigh Valley Science Fair in Allentown, Pennsylvania, last spring included five scholarships as top awards.

Richer rewards beckon those who enter the annual Science Talent Search, open to all high school seniors. Forty finalists are selected from some 25,000 students who take an examination in their own schools and submit reports on individual projects.

Top awards, made on the basis of interviews in Washington, D. C., are 5 scholarships, ranging from $3,000 to $7,500. Cash awards of $250 go to the rest of the finalists. Many additional scholarships are offered to the finalists by various institutions, and many of the 260 others receiving honorable mention in the Search also are offered scholarships.

Now, too, the federal administration has proposed a vast scholarship program to benefit many high school graduates.

Still another lure is Science Achievement Awards (140 savings bonds totalling $10,000). Contestants from seventh grade through twelfth grade are judged on the basis of projects in any field of science or mathematics.

In attracting a youngster to science, surveys indicate that the one greatest influence is his teacher. Therefore, in the campaign to lure teen-agers into research, teacher assistance is of prime importance.

Some boards of education place instructors in summer industrial jobs, to bring them up to date on new applications of science. Some young teachers train by working in industrial research halftime and teaching halftime. Under National

[*Turn to next page*

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Science for teen-agers

Continued from preceding page

Science Foundation grants, summer institutes and special training programs during the teaching year are held for science and mathematics teachers, and universities pay teachers to study during year-long leaves of absence from their jobs. Industrial firms offer hundreds of fellowships.

Nearly all opportunities for today's science-minded youngster depend upon a cooperation of the schools. Here are points you may want to discuss with teachers or principals:

Will your school or community have a science fair? Does the school announce the Science Talent Search, encourage students to start projects early, and discuss previous examination questions? Is your school participating in the Science Achievement Awards program? Does your school have a good library of science books or access to a "traveling" science library? Is it making use of booklets and film strips available from industrial groups and companies? Do students and teachers read *Tomorrow's Scientists* magazine published by the Future Scientists of America Foundation? Do they have information this Foundation provides about scholarships and careers?

Do your schools encourage elementary teachers to introduce projects dealing with weather, health, plant life, the stars, and other aspects of science?

Do your schools arrange for visiting scientists, doctors, and engineers to give students career counsel? Is your community providing summer jobs for teachers and talented young people where they can gain better understanding of what the sciences and engineering offer and demand?

If your child is an able student and science-minded, there is no doubt that his talents will be in demand in the the teaching field, in research, in industry, and in the health fields, not just for the next few years but in the long-range future. The need is not alone for graduates of advanced studies but for skilled technical workers.

Here are some indications that your boy or girl is science-minded:

He's intensely curious, particularly about how things work.

He builds radio or hi-fi sets, experiments with chemicals, operates a photographic darkroom, likes to read about science.

He collects—stones, butterflies, birds' eggs, almost anything.

If he wants to build something, help him get material, tools, and information about the project, but let him go ahead on his own.

How intelligent must a youngster be to have a good chance of success? "The great bulk of scientific discoveries," answers Dr. Glenn T. Seaborg, Nobel prize winner, "are made by men whose intelligence is better than average but by no means in the genius category."

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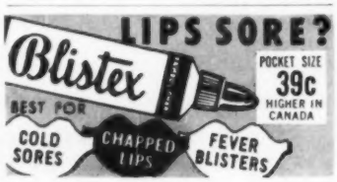

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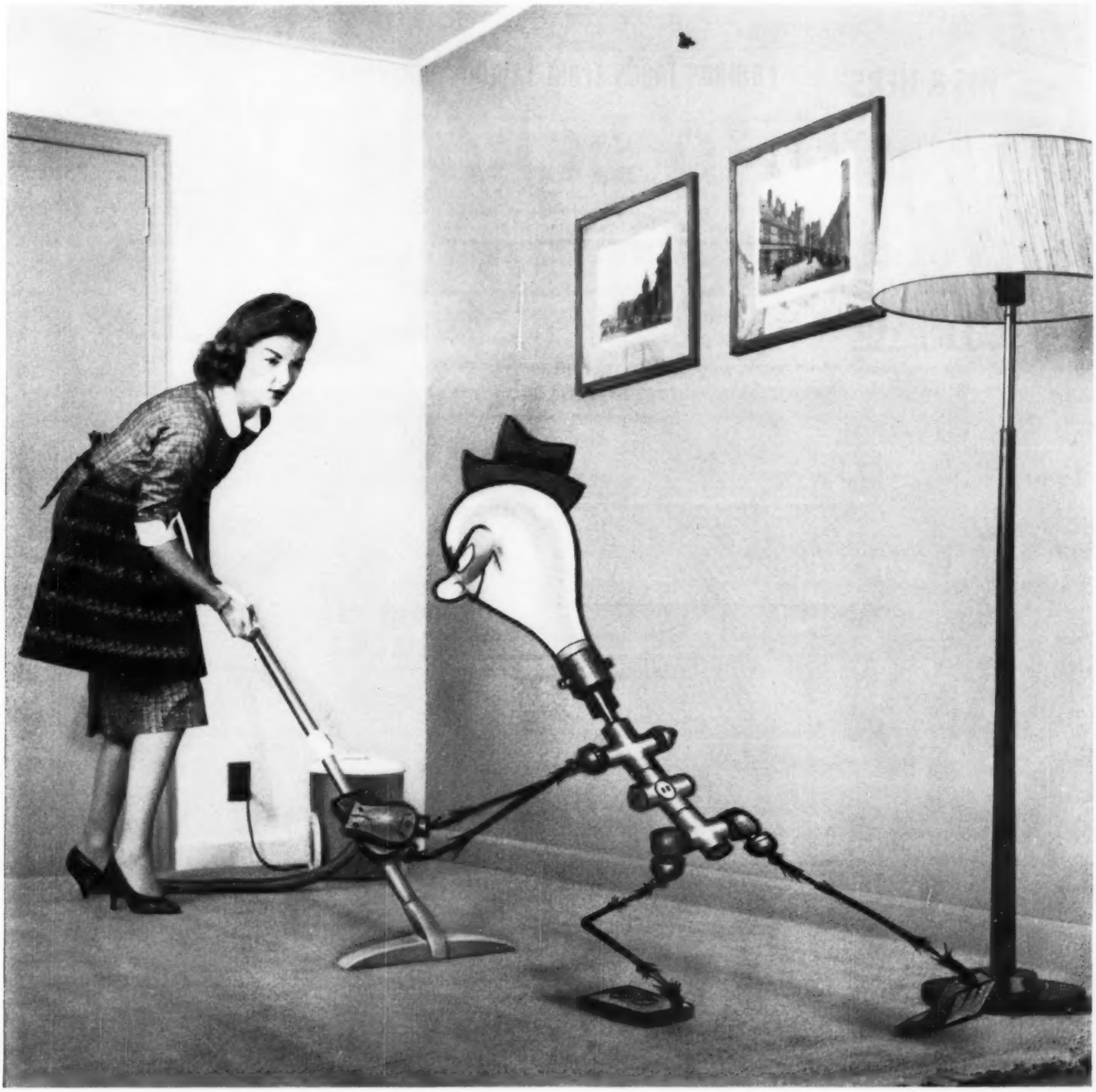

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Famous foods from famous places

Continued from page 86

Trader Vic has a pet theory: When you have an accumulation of friends, whether they number two or 20, you have ample grounds for a party. And he believes in the easy-does-it approach—an informal luau (feast), for instance.

He doesn't suggest anyone attempt a luau typical of the Islands. Instead, he says to slant your menu to tropical foods and capture the gay spirit of Polynesian feasting.

No ti leaves for your luau? Don't by stymied. Flat ferns or other broad leaves, even matting will do. No bird-of-paradise blossoms? Any flowers that mass well and don't wilt quickly are fine—daisies, cornflowers, pinks, asters, mums, dahlias, carnations. Whatever you use, have a profusion of blooms to give the feeling of lush abundance. Raid your garden, ask friends to raid theirs.

Have a luau indoors or out, set it up at ground level or on a table, but have the surroundings beautiful. At an authentic Tahitian luau, everybody eats with fingers—and you can be sure nothing breaks the ice faster than that. For *haoles* (mainlanders), set out chopsticks or forks.

Nice thing about the menu, you can simplify it merely by leaving out something or making substitutions of your own which seem appropriate. No hard-and-fast rule about it at all. Says Trader, "Just adopt the general idea and ad lib."

As to his restaurants, Trader Vic, with the help of Assistant Chan Wong and his excellent staff, offers the best in South Seas cuisine. He acquired the recipes in his travels, experimented with them, and made them his own. He has changed Chinese, Javanese, and Tahitian dishes to suit American preference and appetite. Continental foods are served too, of course. Name it, and if it's good, the menu is almost bound to include it.

Below is a selected group of Trader's recipes. Give them a try and you'll know why people from far and near beat a path to his door. You'll find Trader's seasonings and spices in many gourmet departments.

Barbecued Shrimp

Couldn't be easier. Handsome, too—they are cooked in their shells

Let large unpeeled shrimp stand in soy sauce a few minutes. String on skewers. Barbecue over glowing coals about 10 minutes or till done, turning a few times. Let diners remove shells—very informal. Serve with Chinese Mustard, Sweet and Sour Sauce, and/or Red Sauce.

Baked Bananas

Delicious as a vegetable with baked ham or barbecued chicken. At a luau, serve in a big bowl—

There are a number of ways to bake bananas. The Tahitians bake them in their skins in an underground oven and they are simply split and eaten from the skins as a vegetable.

Bake firm, green-tipped bananas, skins on, in a slow oven (300° to 325°) about 30 minutes or until a fork will pierce them easily. To serve, leave skins on or peel part way down. Let diners peel their own, then sprinkle sparingly with a little salt.

Batter-fried Shrimp

The crisp batter jackets will be almost lacy—

A big bowl of fried shrimp with toothpicks for dipping in Sweet and Sour Sauce will absolutely take top billing at any party. The secret lies in the batter. Mix the ingredients, but don't stir too much, and don't get too much batter on your shrimp.

2 cups sifted enriched flour
½ cup cornstarch
¼ cup white corn meal
½ teaspoon baking powder
1 egg, slightly beaten
3 cups water
½ cup milk

Take a small amount of batter at a time, in a small bowl, and mix in plenty of large shucked raw shrimp so that not too much batter encases them. Have the oil very hot, about 400°, for frying them. Cook about 3 or 4 minutes. Enough batter for 5 pounds shrimp.

Sweet and Sour Sauce

Perfect shellfish accompaniment. The paprika gives the Chinese red—

1 cup sugar
½ cup distilled vinegar
½ cup water
1 tablespoon chopped green pepper
1 tablespoon chopped pimiento
½ teaspoon salt

• • •

2 teaspoons cornstarch
1 tablespoon cold water

• • •

1 teaspoon paprika

Mix first 6 ingredients and simmer 5 minutes. Combine cornstarch and cold water; add to hot mixture, and cook and stir till sauce thickens. Let cool, and before serving, strain out the vegetable ingredients. Add paprika, just a few bits of pimiento, and a little finely chopped parsley for a colorful effect. Makes about 1 cup.

Red Sauce

Plenty of that horse-radish spunk—

3 tablespoons catsup
3 tablespoons chili sauce
3 tablespoons horse-radish
1 teaspoon lemon juice
Dash of Tabasco sauce
Salt and pepper to taste

Mix, and serve with Batter-fried Shrimp for hors d'oeuvres. Makes about ½ cup.

Chinese Mustard

Trader says there's nothing mysterious about the Chinese mustard served with shrimp and pork. It's simply a good grade of dry mustard mixed with water and colored with turmeric—

¼ cup boiling water
¼ cup dry English mustard
½ teaspoon salt
2 teaspoons salad oil

Stir boiling water into dry mustard. Add salt and salad oil. If sauce is not yellow enough, add some turmeric. Serve with Batter-fried or Barbecued Shrimp. Makes about ⅓ cup.

Island Spareribs

We say excellent! The ribs wear a glossy coat, pungent with spice. And there's the hint of sweetness that caramelized sugar gives—

3 sides small, meaty pork spareribs
¼ cup sugar
1 teaspoon salt
Island Barbecue Sauce

Rub spareribs on both sides with sugar and salt; let stand 2 hours. (Use smoke salt if cooking in the oven.) Brush with Island Barbecue Sauce; let stand at least an hour—preferably longer. Barbecue or hang in Chinese barbecue oven for about an hour. **Tasting-Test Kitchen note:** To barbecue in range oven, prepare ribs as above and place meat side up, on rack in shallow pan. Bake in very hot oven (450°) 15 minutes; pour off fat. Continue baking in moderate oven (350°) 1 hour or till done, turning ribs and brushing with barbecue sauce a few times. Cut in serving pieces.

Island Barbecue Sauce

½ cup soy sauce
½ cup catsup
3 tablespoons brown sugar
1 egg-size ginger root, grated
1 teaspoon monosodium glutamate

Mix ingredients; let stand overnight before using.

Kona Chicken in a Coconut

Don't miss this one—curry flavor is exactly right—

1 tablespoon tomato, pepper, and pineapple mixture*
2 cups Trader Vic's Susu Curry Sauce
1 cup cubed cooked chicken meat
Dash of bottled meat sauce
Salt to taste

• • •

Seasoned mashed potatoes
Hollandaise sauce

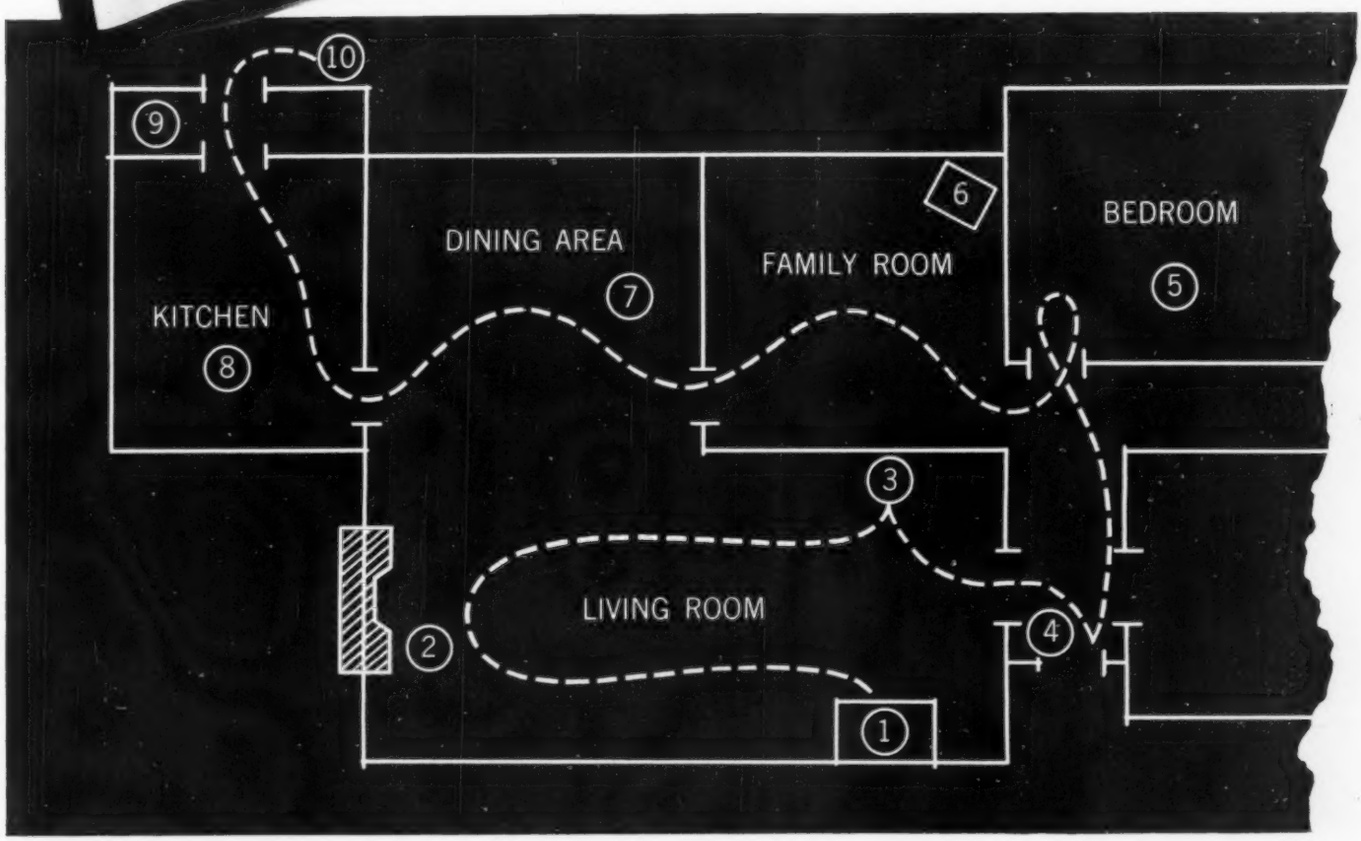
Mix all ingredients except potatoes and Hollandaise; heat. Fill coconut shell with this mixture. Decorate the sawed-off section of the husk with hot mashed potato squeezed through a pastry tube. Cover the curry mixture with a tablespoon or so of Hollandaise sauce. Bake in very hot oven (450°) 10 to 12 minutes or till potatoes are lightly browned. Serve at the table with steamed rice. Trader counts on a coconut server for every 2 or 3 guests. **Tasting-Test Kitchen note:** We baked our Kona Chicken in a 1-quart casserole.

*Mix equal parts of chopped tomato, bell pepper, and pineapple; mix well.

[*Turn to page 148*

The case of the crumpled letter!

Scene: The Nelson home. Time: A Saturday evening



1 The desk where Mr. Nelson opened his month-end bills and wrote an indignant letter to the electric company . . . protesting against their advertising that electricity gives more value for every dollar than any other item in the family budget.

2 Where Mr. Nelson looked at the electric clock over the mantel to see if he had time to mail his letter before dinner.

3 The hi-fi set that he turned off as he left the living room.

4 Where Mr. Nelson paused to check the setting on the air conditioning system and see if the porch light should be turned on to guide the dinner guests.

5 His daughter's bedroom where he stopped a moment to watch her drying her hair with the electric hair dryer and admire the dress she had just ironed for her date.

6 The TV, with Junior parked in front of it watching "Masked Riders of the Range."

7 The electric coffeemaker and toaster, ready and waiting to do dinner duty.

8 The all-electric kitchen, where dinner was cooking and Mrs. Nelson was taking ice cubes from the refrigerator—and where the electric dishwasher and clotheswasher and dryer were waiting to do the clean-up chores ahead.

9 The back porch, where Mr. N. paused to think things over—realizing that his family *was* putting electricity to work in dozens of ways all over the house . . . ways he often forgot. So maybe the electric company was right about the value of his service.

10 The trash can into which he tossed his crumpled letter.

America's Independent Electric Light and Power Companies*

*Company names on request through this magazine

Famous foods from famous places

Continued from page 146

Trader Vic's Susu Curry Sauce

The best we ever tasted! Fix the elegant Kona Chicken, or simply heat cubed chicken or seafood in the sauce and serve over fluffy rice—

1 tablespoon curry powder
1 tablespoon butter
• • •
1 onion, minced
2 stalks celery, diced
½ cup sliced mushrooms
1 cup diced apple
• • •
½ cup soup stock
1 cup light cream
1 cup milk
• • •
2 tablespoons cornstarch
2 tablespoons cold water
Monosodium glutamate to taste
Salt to taste

Saute curry powder in butter until nicely browned; stir in vegetables and mix thoroughly. Add stock and bring to a boil, then stir in cream and milk; bring to a boil again. Combine cornstarch and cold water; add, and cook, stirring constantly, till mixture thickens. Season to taste. Makes 3½ cups.

Chicken Lau Laus

The most critical gourmet will applaud. See the Lau Laus between the two large coconuts on the luau table, page 76—

4 ounces sliced salt pork
3½ cups stewed chicken meat in large pieces
2 pounds taro leaves, green part of Swiss chard, or Chinese green chard
• • •
2 bunches green onions, chopped (about 1 cup)
2 tablespoons monosodium glutamate
2 teaspoons sugar
½ to 1 teaspoon pepper
¼ cup lemon juice
• • •
2 teaspoons cornstarch
1 tablespoon cold water

Saute salt pork slightly; add chicken, and saute a few minutes. Add greens, and cook together for 5 minutes; add onions and seasonings, and cook for another minute. Combine cornstarch and cold water; push chicken to one side and add cornstarch mixture; cook, stirring constantly, till sauce thickens. Add salt to taste. Put one kitchen spoonful of the lau-lau mixture in 2 pieces of ti leaves or chard and wrap in a bundle or like an envelope. Put in steamer for half an hour and serve. Makes 5 to 6 servings.

Tasting-Test Kitchen note: We cooked 1 to 2 quarts lettuce (torn in pieces) with the chicken, and wrapped the lau laus in aluminum foil.

Puka Punch

No namby-pamby punch this! Tingling, and refreshing as an Island breeze—

2 cups orange juice
2 cups lemon juice
2 cups grenadine syrup
• • •
2½ quarts ginger ale, chilled

Mix fruit juices and grenadine, and pour over block of ice to chill. Just before serving, add ginger ale and fresh berries or sliced fruit in season. Makes about 4 quarts.

Luau Punch

Luau or not, it's a dandy party drink, and rosy as raspberries—

2 packages frozen raspberries
3 cups strong black tea
1 quart orange juice
1 cup lime or lemon juice
1 cup crushed pineapple
Sugar to taste
• • •
2 quarts sparkling water, chilled

Let raspberries thaw; sieve or strain, then mix with tea, fruit juices, pineapple, and sugar. Pour over cake of ice in punch bowl. Let chill, and just before serving, add sparkling water. Makes about 4 quarts.

Beach Boy Punch

Snappy flavor, beautiful. No argument —Trader is master of the punch bowl—

1 quart cranberry juice
Juice of 2 lemons
1 pint orange juice
• • •
2 quarts ginger ale, chilled

Mix juices and pour into punch bowl over cake of ice; add chilled ginger ale and serve in coconut punch cups. Makes a little less than 4 quarts.

Chutney Aspic

Serve with cottage cheese or with a tray of chilled ham and turkey slices. Different—and delightful!—

2 packages lime-flavored gelatin
1 cup boiling water
1½ cups unsweetened pineapple juice
½ cup orange juice
2 9-ounce cans (2 cups) crushed pineapple
1 cup chutney, finely chopped

Dissolve gelatin in boiling water; add rest of liquids, pineapple, and chutney. Let chill thoroughly until it begins to congeal; then stir to keep fruit from settling to the bottom. When thick, pour into molds and chill to set. Serve in center of Calcutta Salad (see picture, page 79). Makes 9 servings.

Trader Vic's French Dressing

This proportion of olive oil adds mellow, subtle flavor—

½ cup vinegar
½ cup olive oil
1 cup salad oil
1 teaspoon salt
⅛ teaspoon pepper
½ teaspoon monosodium glutamate

She's young!... She's fun!...

Shoreline*

Simple elegance in a design so new it's out of tomorrow!
Oneidacraft Premier Stainless* in luxurious satin finish.
6-pc. place setting $7.95. Sets from $19.95

*Trade Marks. © 1958, Oneida Ltd., Oneida, N. Y.

Mix ingredients and shake thoroughly. Shake again before using.

Oahu Spice Dressing

Delicate and fruity. Looks Oriental—

- ¼ cup lemon juice
- ¼ cup mixed fruit juices or pineapple juice
- ½ cup salad oil
- 1 teaspoon brown sugar
- 1 teaspoon paprika
- ¼ teaspoon salt
- ¼ teaspoon celery seed

Mix ingredients and shake thoroughly. Serve with fruit and gelatin salads.

Water Chestnuts With Chicken Livers

Close your eyes when you serve these crunchy hors d'oeuvres and you'll think you're at Trader's. Delicious! —

You can buy fresh water chestnuts in Chinatown, or you can use canned ones. To prepare fresh water chestnuts, wash them thoroughly and slice into three parts. Cut chicken livers in slices slightly larger than the chestnut slices; dip in soy sauce. Using two slices of chicken liver and one of chestnut, make a sandwich, wrap with a thin slice of bacon, skewer with a toothpick, and fry in deep, hot fat (375°) 2 or 3 minutes.

Po Po

Tiny meat-ball appetizers with the zingo of sate spice. Fun, and awfully good! —

- ½ pound ground beef
- ½ teaspoon salt
- 1 teaspoon monosodium glutamate
- ½ teaspoon Javanese sate spice
- ½ teaspoon chopped or dried rosemary
- 1 egg yolk

• • •

Grated Parmesan cheese

Mix the first 6 ingredients lightly. Form mixture into balls the size of a marble. Saute slightly in butter and roll in Parmesan cheese. Insert split bamboo stick or long toothpick in each. Toast before eating, over charcoal in miniature hibachi. Makes about 3 dozen.

Shrimp Foo Yong

Easy luncheon or supper special. Once you try foo yong, you'll want to fix it often. See the how-to pictures, page 85 —

In this country, foo yong is next to chow mein in popularity among Chinese dishes. You'll see it spelled many ways on menus—foo young or foo yung or fu yung—but they all mean omelet, and you can have shrimp, crab, pork, lobster, chicken, or any kind of foo yong you want. We'll give you a basic recipe and you can supply the variations.

- ¾ cup cooked tiny shrimp or chopped cooked seafood
- 1 cup bean sprouts
- 1 tablespoon chopped green onions
- 1 tablespoon chopped bamboo shoots
- 1 tablespoon finely chopped water chestnuts
- 3 mushrooms, chopped
- 1 teaspoon monosodium glutamate
- Salt to taste
- 4 eggs

Combine all ingredients, adding eggs last. Mix well. Put plenty of cooking oil (2 tablespoons) in hot skillet or on a hot griddle, and drop a liberal amount of the egg mixture (about ⅓ cup) to form small cakes. Fry them over high heat into thick cakes, turning once, until cooked and delicately browned. Pile several together for a serving and pour over them **Foo Yong Sauce:**

- 1 cup chicken broth
- ¼ teaspoon sugar
- 2 tablespoons soy sauce
- 2 teaspoons monosodium glutamate

• • •

- 1 tablespoon cornstarch
- ¼ cup cold water

Heat broth in a small pan, add rest of ingredients except cornstarch and water. Combine cornstarch and cold water, add to sauce and cook, stirring constantly, till mixture thickens to the consistency of gravy. Season with salt to taste. Makes 6 cakes.

Chinese Peas With Water Chestnuts

Chinese chefs have the theory that the less cooking the better vegetables taste. Try these peas, and you'll agree. Step-by-step pictures, page 86—

- ⅛ cup finely chopped raw pork
- 1 tablespoon peanut or salad oil
- 2 cups Chinese green peas (podded sugar peas)
- ½ cup finely sliced water chestnuts
- 1 teaspoon monosodium glutamate

• • •

- 1 cup chicken broth

• • •

- 1 tablespoon cornstarch
- 2 tablespoons cold water

Fry the meat in hot oil in preheated skillet; add the peas and chestnuts and monosodium glutamate, then add the broth. Steam, covered over high heat about 3 minutes. Combine cornstarch and cold water; push vegetables to one side and add cornstarch mixture to broth; cook and stir till slightly thick. Add salt to taste. Makes 3 to 4 servings.

Teriyaki

Exotic marinade for steak. Serve as main dish or hot appetizer—

- ⅔ cup soy sauce
- ⅔ cup water
- ¼ cup sugar-and-water syrup*
- ¼ cup cooking sherry
- 1 medium ginger root, grated
- 1 small clove garlic, minced

Cut sirloin steak, ⅓ inch thick, into squares, and skewer. Marinate about 5 minutes in sauce made by combining soy sauce and rest of ingredients. Broil about 7 minutes, turning and brushing frequently with sauce. Serve with extra sauce, heated thoroughly. Makes enough marinade for about 3 pounds of steak.

*Made by combining equal parts sugar and boiling water; stir and cook a minute or so till sugar dissolves.

[*Turn to page 168*

She loves the Carefree Beauty of

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by
Oneida

MAKERS OF HEIRLOOM* STERLING
COMMUNITY* SILVERPLATE

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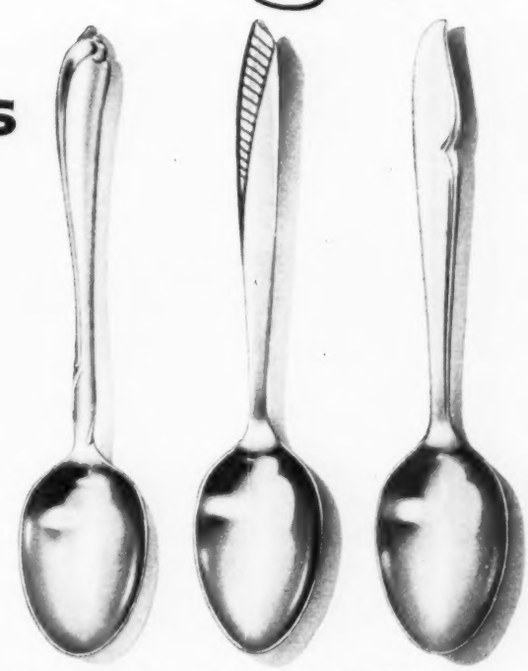
Heavy, handsome, superbly balanced

Completely tarnish-free

Here's breath-taking beauty that never needs pampering—new Solid Stainless by Oneida. A new kind of tableware created by master silversmiths—so superbly fashioned you'll love to show it off.

Every piece has perfect balance, luxurious "feel." Yet it never needs polishing or "special care." And every piece is rounded, smoothed—strongest at stress points. Solid Stainless is American-made, so extra pieces are always available. At fine jewelry, department and housewares stores.



NEW SHASTA*—Mirror finish. *Oneidacraft DeLuxe Stainless.* 6-pc. place setting $4.75. Sets from $14.95

VISTA*—Satin handle with mirror tip. *Oneidacraft Premier Stainless.* 6-pc. place setting $7.95. Sets from $19.95

PROFILE*—*Oneidacraft DeLuxe Stainless.* Mirror finish. 6-pc. place setting $4.75. Sets from $14.95

*You wouldn't sweep dust under the rug... **SO***

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NO RAZOR BLADES
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LET EASY-OFF DO THE WORK!

WEDGWOOD *-a living tradition*

This is Beaconsfield. A beautiful example of pure white English bone china by Wedgwood. The pattern is a halo of stylized flowers and leaves in subtle pastels of creamy beige, pale green, gray and brown. Five piece place settings are only $17.00. Send 10¢ for folder R to see this and other lovely Wedgwood patterns. Remember, visitors are always welcome at our showroom.

Wedgwood is made at Barlaston, England.

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NAME.....
STREET.....
CITY.....STATE.....

A family room in the attic

Continued from page 121

The arrow shows the usual place to start building attic storage units. It's fine if all you want is "dead" storage. But if what you're after is constant, convenient access to cabinets, you'll want to be sure there's no need to get on your knees.

Recognize this unit? Not just a convenient serving counter, it's the "lid-down" view of the sink shown on page 71. A standard kitchen sink is covered by a three-sided box of plastic-finished hardboard—fastened to wall with piano hinges for strength.

Amana air conditioning means a cleaner, happier, more restful home! Less drudgery for you, so much more comfort!

More time for children and living when you have *food security* with an Amana Freezer or Freezer-*Plus*-Refrigerator!

Cooking is more fun! Endless variety and practically no preparation time, with modern frozen foods, the Amana way!

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Stunning New Freezer-*Plus*-Refrigerator! New Amana Style-Line gives you the smart, modern, Built-In Look, without expensive installation costs. 16 cubic feet of spacious storage room! Full family-size refrigerator, *plus* a *genuine* Amana Upright freezer section that holds 263 pounds of frozen food alone... at even 0° temperature always. And you get all this convenience and luxury in just 32 inches of wall space! Also available in superb 14 and 18 cubic foot models. See your dealer—your present refrigerator more than covers the normal down payment!

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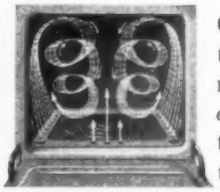
Look! UNIVERSAL "air conditioned" the oven to make you a better cook!

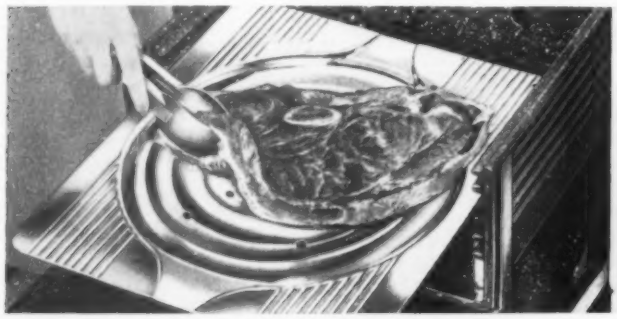
All-new Universal Supreme 40-inch gas range illustrated above, with oven-control electric clock and interval timer, thermostatically controlled top burner, giant automatic heat control griddle, elevated In-A-Drawer Broiler, and Barba-Broil Rotisserie.



See how heat circulates evenly throughout oven.

Good cooks will tell you that you need an oven with *even, balanced heat* to consistently turn out *higher* cakes, *flakier* pie crusts, *juicier* roasts. Now Universal has "air-conditioned" the oven to give you just the right kind of heat. An exclusive design, built-in circulation control in every Universal gas range spreads a blanket of heat *more evenly* to every square inch of the baking area. This better balanced heat is *constantly circulated* to eliminate hot spots and cold corners. You get exactly the heat you need, all through the oven, for perfect baking every time! No wonder good cooks say:

YOU AND *Universal* COOK BETTER TOGETHER!



SMOKE-PROOF BROILING! Melted fats and greases can't smoke or burn because Universal's specially designed broiler grille drains away and traps them in the pan underneath! Your kitchen stays cleaner longer. Precision, high-speed burner brings outdoor flame-kissed flavor indoors!

"OBEDIENT BURNER" COOKING! Turn the dial and each self-lighting burner obediently gives you *precisely* the heat you want, *instantly*. "Simmer-Save" feature permits an unlimited number of *measured* cooking heats from gentle "keep-warm" to fast-starting boil.

UNIVERSAL GAS RANGES

CRIBBEN & SEXTON COMPANY, CHICAGO 12, ILLINOIS. A COMPLETE LINE OF DOMESTIC AND COMMERCIAL GAS RANGES, BUILT-IN RANGES, DISHWASHERS, GAS CLOTHES DRYERS, GAS INCINERATORS, AND SPACE HEATERS.

A handyman (and his wife) worked and planned to get this

Remodeled kitchen– for only $618!

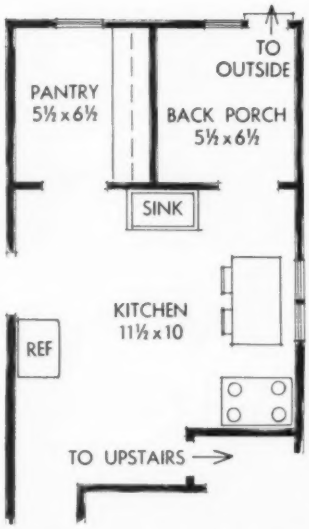
The William Vistes enjoy coffee klatches in their new, cozy kitchen

Handyman talents pay big dividends when it comes to home improvement—especially kitchen remodeling. That's why the William Vistes of Indianapolis, Indiana, got the kitchen of their dreams for only $618. New attractions: Unified work center, eating peninsula, laundry corner, hamper-work area.

Bill made all the kitchen cabinets, knocked out walls, plastered, laid the flooring—and, because he had the experience, did all his own wiring and plumbing.

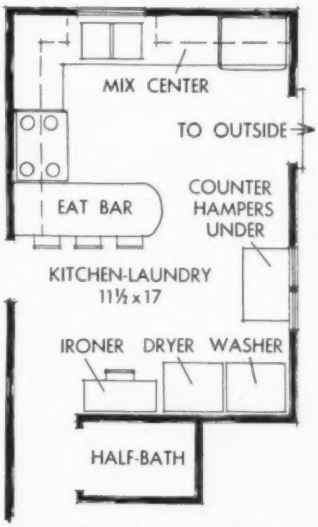
As the old saying goes, "Behind every good man, there's a woman." Mrs. Viste planned and decorated the kitchen. She included favorite ideas she gleaned for years from *Better Homes and Gardens* and *Kitchen Ideas* books. "Even hung the wallpaper—with neighbor's help," said Mrs. Viste, proudly. Doing it themselves, using low-cost but sturdy materials and existing appliances sum up "how" of this budget kitchen.

When done, the Vistes entered it in the 1956 *Better Homes and Gardens* Home Improvement Contest. Smart results, good planning, added conveniences, and low price made them Class "A" division winners for kitchens. Look here for ideas.



BEFORE. Old kitchen was dark and broken up by doors and walls.

Lack of counters made mealtime a major chore. Traffic paths criss-crossed right through work areas.



AFTER. Now the kitchen has wide, open look, yet is neatly organized for top efficiency—with minimum steps.

Laundry equipment moved up from basement to kitchen corner.

Photographs: Robert Goodman, Black Star

AFTER. Pleasant and easy to work in. By knocking out two walls, the Vistes were able to get one spacious room—which they organized with a peninsula. Peninsula directs traffic away from Mrs. Viste's work center, too.

Back entry was relocated to side of house, made way for better kitchen planning. New window over sink, window in door bring welcome daylight.

BEFORE. Old-fashioned sink with no drainboard or storage was of little help and a big space waster.

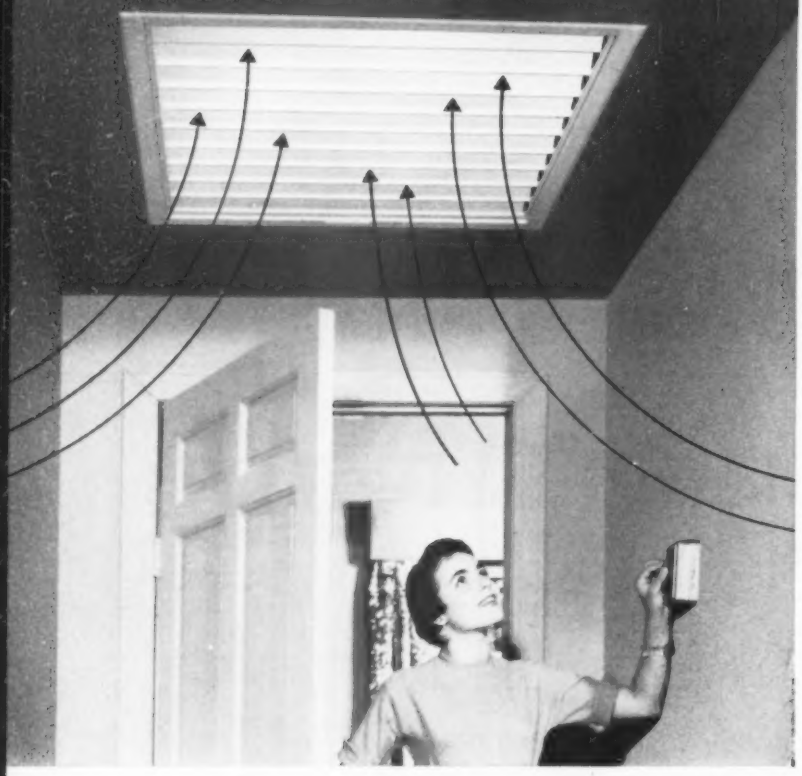
Sink wall and the wall between the pantry and porch were removed.

More on next page

HOW'S YOUR HOME? *Same kind of careful planning you see here may make you winner in new $125,000 Home Improvement Contest. See page 13.*

COOL YOUR ENTIRE HOUSE

for about 1/5th the cost of air conditioning



R&M-Hunter Attic Fan is easily installed in new or existing homes

This low-cost cooling system fills your entire home with refreshing air on hottest summer nights. Cool, outdoor breezes are pulled in and hot, sticky air forced out. For only a fraction the cost of air conditioning, you can enjoy cool comfort in every room in your home.

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High and low speeds—R&M-Hunter Attic Fans for 1958 have extra comfort and convenience. Three new models are equipped with high-and-low speeds and motor-operated shutter.

Carefree performance—Satisfaction is assured by R&M-Hunter's 70-year fan experience. Fan unit is guaranteed 5 years; motor and shutter, 1 year. Sizes are available to fit all homes; prices as low as $127.00, plus installation.

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Remodeled kitchen

Begins on preceding page

New kitchen is homey, colorful. Knotty pine cabinets were teamed up with blue wallpaper, yellow laminated plastic counters, and a coordinated, spatter-pattern inlaid linoleum floor.

Note charming yet inexpensive wall treatment over range. "Brick" is actually washable wall covering. Coppery lids are handy, make good decorations. Copper hood and ventilator are welcome additions.

Way-across-the-room corner, where range stood in the old kitchen, is the new laundry center. Says Mrs. Viste, "I just got tired of running up and down the stairs all the time to do the laundry.

"I vowed I'd find room for the washer and dryer somewhere upstairs—and I did! In the kitchen. Even had room for ironer and counter-hamper Bill designed. Colored clothes go in one bin, white in other."

BEFORE. Grim, uninspiring. Plan on page 153 shows what a long trek it was from sink to range to refrigerator to pantry. Even the simplest meal was work.

Door at right was to stairway which was removed and exchanged for small but convenient lavatory. Wall was extended a few feet to make room for laundry equipment.

For today's new patterns in living...

New designs for financial security from New York Life!

Modern Whole Life Policy meets a lifetime's changing needs—gives $10,000 family protection now, retirement income later!

Remarkable new products . . . convenient new ways of shopping for them . . . have become a familiar pattern in living today. They point up a problem, too—how to enjoy the products of progress without sacrificing financial security now or in the years ahead.

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Most important, premiums for Whole Life leave room in your budget for other things you enjoy. Issued at age 25, for example, the monthly premium for a $10,000 policy is only $15.50. Issued at age 35, it's $20.80, at 45, $29.70, and at 55, $44.60. Under Check-O-Matic, New York Life's *special* monthly premium payment plan, the premium is $15.00 at age 25, $20.10 at age 35, $28.60 at age 45, and $42.90 at age 55. And dividends you receive can reduce payments even further.

So for financial security that will cover your needs now—and as they change over the years—ask your New York Life agent about modern, low-cost Whole Life insurance. Or write direct to the address below.

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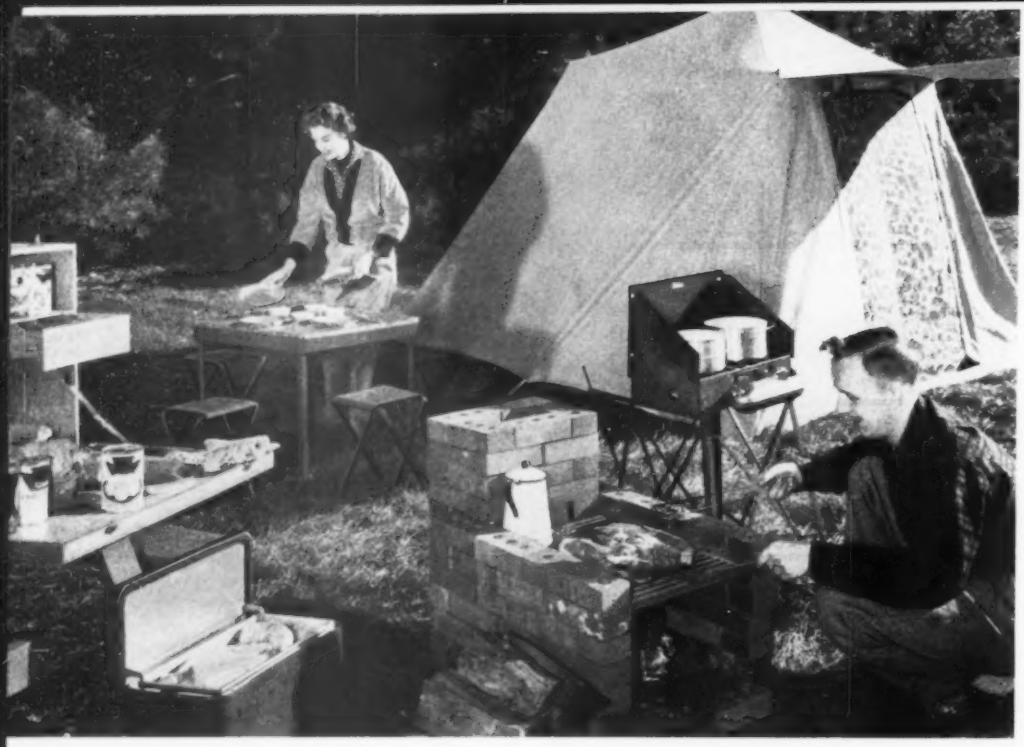


Complete camp is set up in half an hour, with practice. Basic gear shown here includes camp kitchen, portable ice chest, gasoline stove, cooking utensils, and a tent.

Folding metal table (four stools go inside for carrying) is a handy addition. Most parks that permit camping supply a wooden table and benches, and an open fireplace.

By Neil R. Kuehnl

The how-to of family camping

Car-top carrier packs bulky items whether you have sedan or station wagon. Duffel bag holds four sleeping bags. Collapsible ladder is made from bolted, heavy electrical conduit. It folds flat and straps to carrier for over-the-road traveling.

Camping, today, is for everyone. Your family can pack up for a weekend—or a month—in state and national parks across the land. It's an inexpensive, carefree way to have fun together.

When you camp, you pack no drudgery in your duffel bag. Shelter is quickly provided by a variety of easy-to-erect tents. Cooking over a gasoline or bottled-gas stove is efficient and fast. Planning and teamwork finish the few chores faster than at home!

Best of all, camping brings the family together in the clean, wholesome outdoors. The scent of pines, meadows of wild flowers, days to prospect and explore, the sizzling aroma of steaks broiling over an open fire—all are within the camper's reach.

For basic camping equipment, you'll invest about $50 a person. You can save by making some items at home. These pictures show you how to set up a camp the first weekend. Good camping!

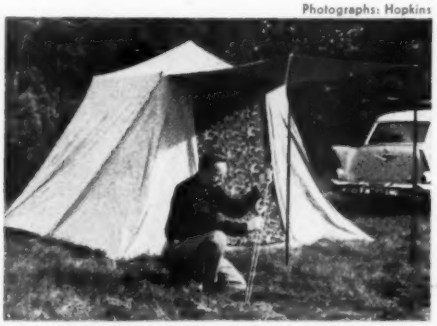
More pictures on page 158

Next month: Nine less-known national parks

Photographs: Hopkins

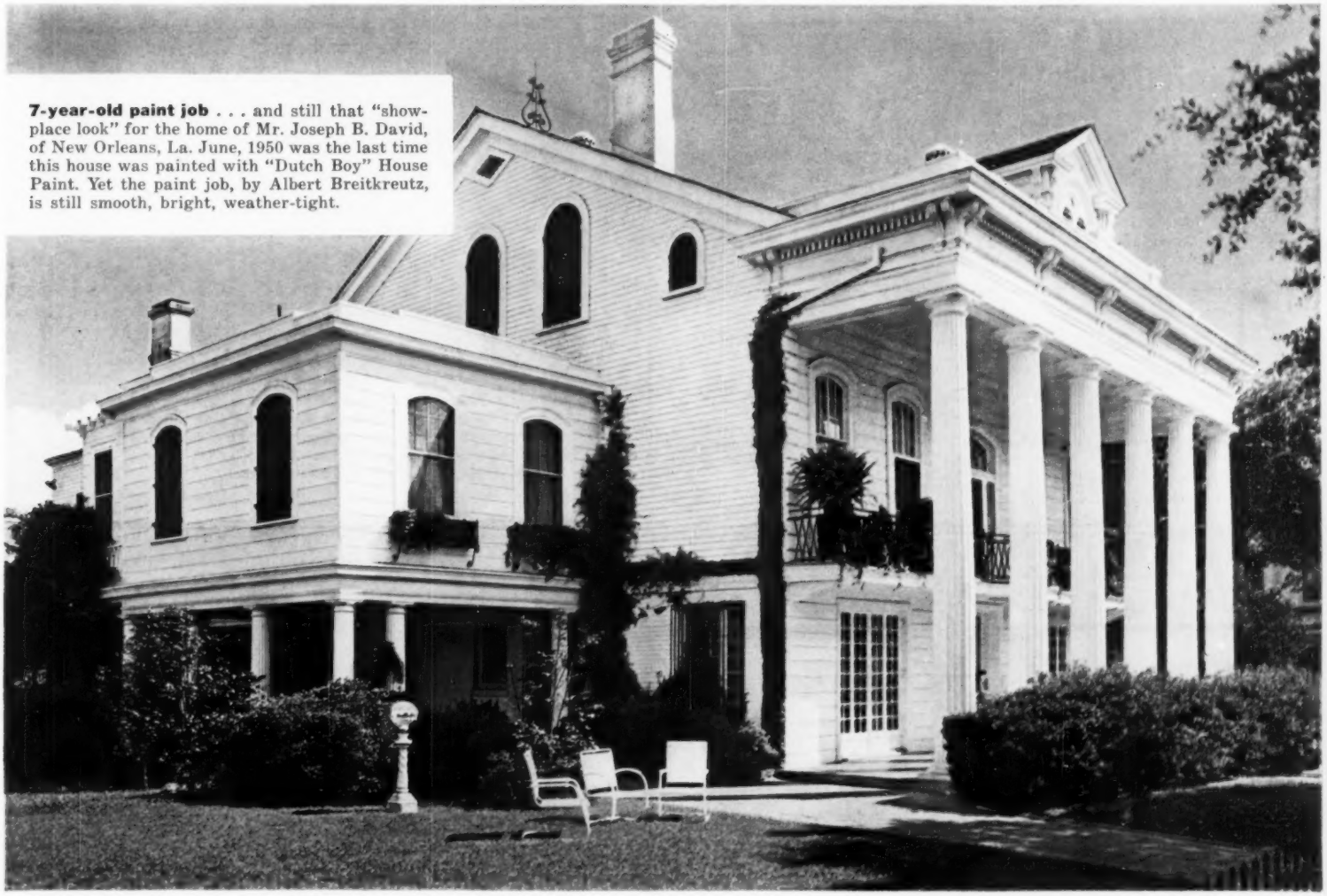
Umbrella tent—so-called because of center pole and umbrella-like ribs—is most popular family model. One man can set it up in a few minutes. Pick a dry, level site and stake corners with metal pegs. Ground cloth protects tent bottom.

Tent goes up easily on telescoping center pole. Lock holds pole extended, keeps tent steady. Ribs (arrows) extend from center to give tent shape. Door has mosquito netting, canvas weather seal. Netted window provides rear ventilation.



Ready for night's rest, tent has ample room for four cots or sleeping bags. Canopy assures dry entrance in case of showers. Price of this 10x10 foot model in treated, weather-resistant canvas is $95. Smaller versions cost as little as $30.

Will your next paint job last for 5 years?



7-year-old paint job . . . and still that "showplace look" for the home of Mr. Joseph B. David, of New Orleans, La. June, 1950 was the last time this house was painted with "Dutch Boy" House Paint. Yet the paint job, by Albert Breitkreutz, is still smooth, bright, weather-tight.

Homeowners say, "Dutch Boy is the 5-year house paint."

Paint with an eye to the future! Be sure of a paint job that will beautify and protect your home for years and years. Use "Dutch Boy" House Paint . . . called "the 5-year house paint" by homeowners! Dries to a tough, bright, weather-tight finish. Brushes on smoothly, evenly, easily.

"Dutch Boy" House Paint is economical, too. It starts *saving you money* the moment you use it. Its tough, durable finish means you don't have to paint as often to keep your home in first class condition.

Ask your dealer to show you *the paint with the brighter future*—"Dutch Boy" House Paint. In white and wide range of fade-resistant colors. Your nearest dealer is listed in the yellow pages of your phone book.

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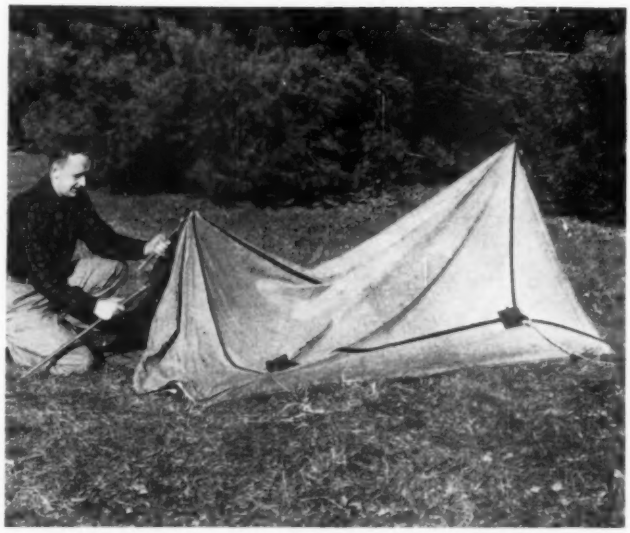
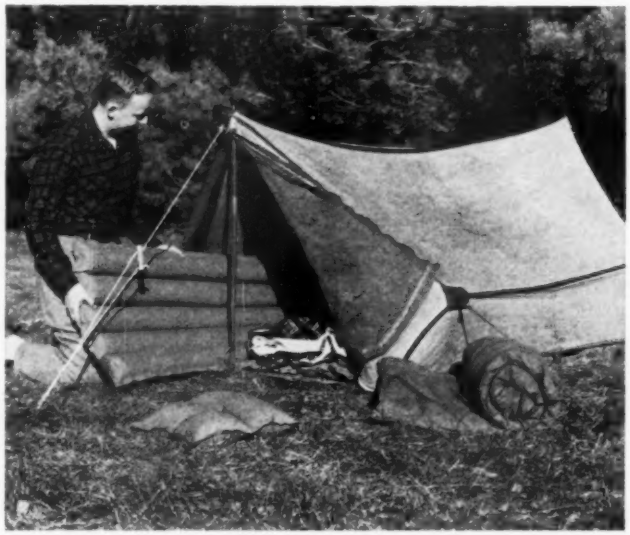
Family camping

Begins on page 156



Mountain tent (about $25) is lightweight, just right for two. (Children love this size, too.) It has sewed-in floor, mosquito netting front and rear for fresh air. Tent is supported by a pair of three-piece poles, plus guy lines at both ends. Another advantage of this type: it's up in just five minutes.



Roomier than it looks, tent has plenty of space for two rubberized-fabric air mattresses (about $10 each) and sleeping bags insulated by synthetic fibers ($14-25). To keep bag clean, line with a washable cotton-flannel sheet. Inflatable pillows (about $2) pack well, may be covered with more sheeting.

Keep rain out—dig ditch with folding spade ($1 at surplus stores). Slope (arrow) leads water away. Replace turf before leaving.

Wooden fastener can be adjusted quickly if rain makes guy rope shrink too much.

More on page 161

Lovely Locks... The Jewels of Home

Master craftsmen
beauty-style
the famous locks by

SCHLAGE

The eye and hand are one in pleasure when you meet with a Schlage lock. Though representing only a tiny fraction of total building costs, locks are *always seen* ...say a great deal about family taste.

Today as for a quarter-century, the name that means lock leadership is Schlage. For Schlage designers wed function with beauty in sculptured metals, endow security with charm.

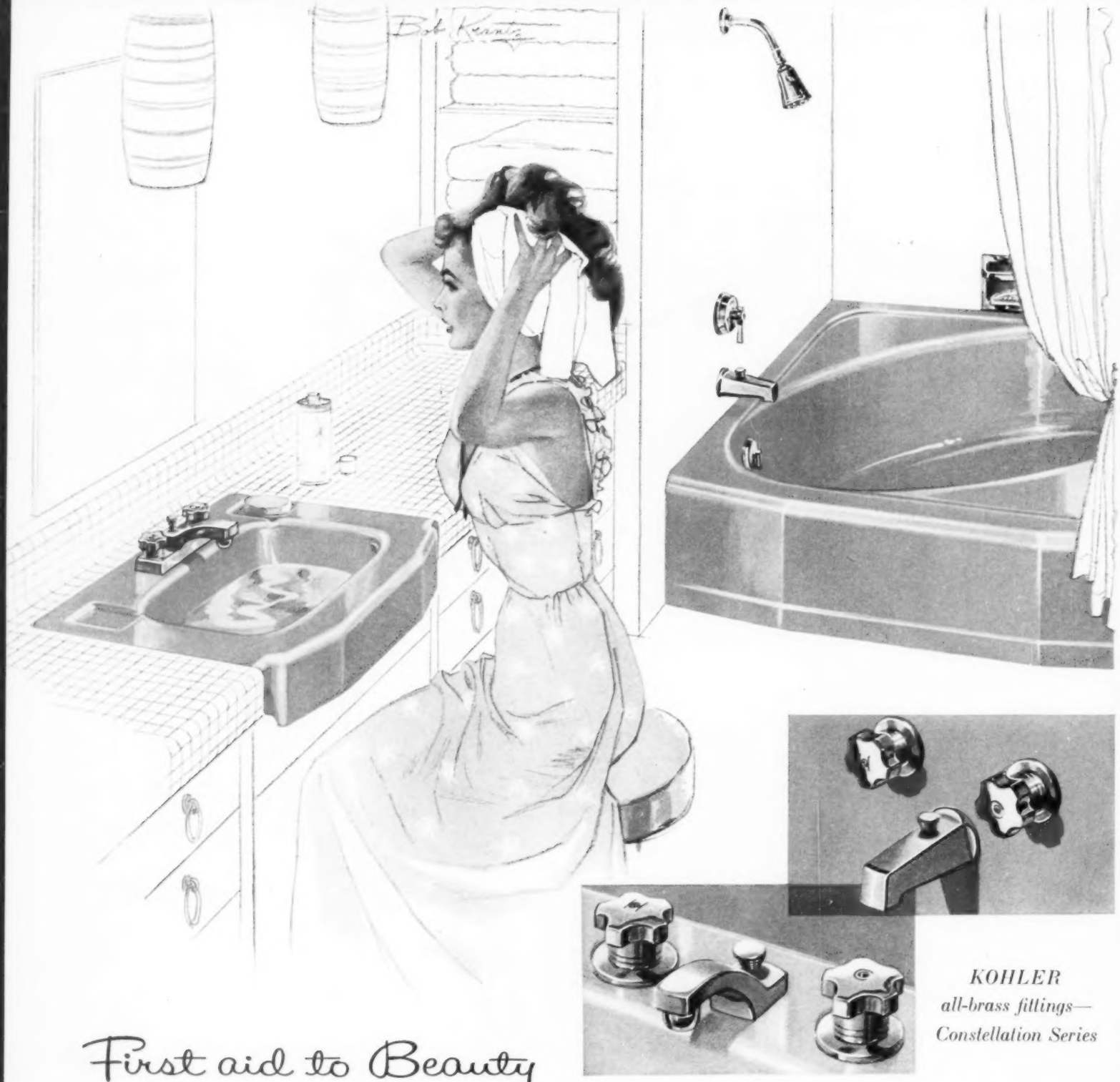
Your builder, architect and dealer know Schlage locks. You will be well-advised to ask for Schlage *beauty-styling* all through the house. Schlage Lock Company...San Francisco, New York, Vancouver, B.C.

Privacy with safety
—easy access in emergencies
for bathrooms and bedrooms

Push-button convenience
originated by Schlage

The name that means years-ahead features

NO OTHER HOME ACCESSORY DESERVES SUCH THOUGHTFUL SELECTION



KOHLER
all-brass fittings—
Constellation Series

First aid to Beauty

New Kohler fittings of distinguished style and quality unite with Kohler fixtures to make the beautifying and hygienic use of water easy, safe, pleasing.

The new fittings, Constellation Series, combine fresh harmony of design with reliability for the exacting requirements of water-flow control. They fit the hand comfortably and respond to finger pressure. Beneath the jewel-bright chromium-plating they are made entirely of brass, the most durable and serviceable metal for plumbing fittings.

Fixtures in refreshing Spruce Green—the Piedmont vitreous china lavatory set in a convenient dressing-table top, and the graceful, enameled iron Mayflower bath—are among the many Kohler types and sizes, all with new fittings expressly designed for them.

Consult your Kohler dealer. Write for booklet 24-A.

KOHLER CO. ***Established 1873*** **KOHLER, WIS.**

KOHLER OF KOHLER

ENAMELED IRON AND VITREOUS CHINA PLUMBING FIXTURES • BRASS FITTINGS • ELECTRIC PLANTS • AIR-COOLED ENGINES • PRECISION CONTROLS

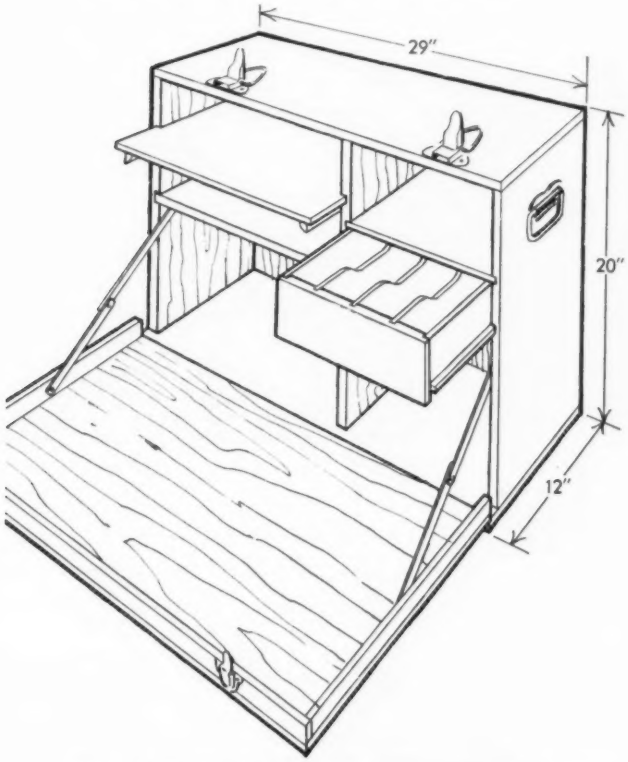
Family camping

Continued from page 158

Organize your camp cookery with this carry-along kitchen—build it at home in one evening for just $5 in materials

Camp kitchen is portable, holds all utensils and canned goods for weekend trips. Front drops down and locks for extra work space; one shelf and handy tableware drawer slide out for access. There's room below for plastic dishpan and washbasin.

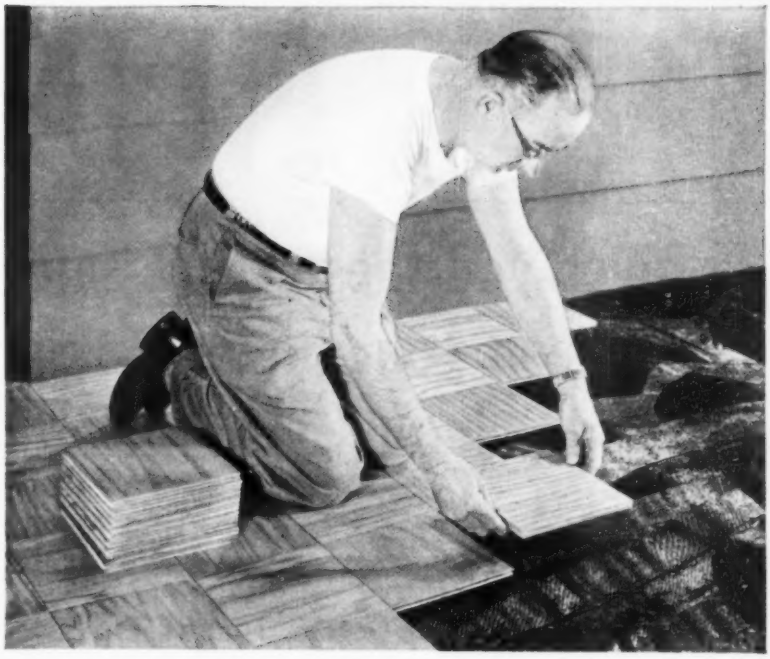
Versatile kitchen may be altered in size, shelf arrangement to fit your camping equipment and available car space.



Plywood builds this lightweight camp kitchen. Sides, center-divider, and top and bottom are half-inch exterior-grade ply; front and back use quarter-inch. Shelves and drawer fit in dado grooves. Drawer spacers (also quarter-inch) are removable.

Strong lid-supports and piano hinge secure the front. Inch-wide strips add strength, keep articles from rolling off.

More on page 176



New Bruce oak floor lays like tile

over concrete, wood or old tile floor

You can easily modernize your home by laying this beautiful hardwood floor over your old floors. Or use economical Bruce Laminated Blocks to give distinctive charm to a new room or a new home.

It's Prefinished! This parquet-type floor gives you the natural grain and harmonious coloring of genuine oak, *plus* a superb factory finish that's easy to keep clean and sparkling at all times. Bruce Laminated Blocks are 9 in. square and ½ in. thick, formed from three oak plies laminated under heat and pressure for long life and moisture resistance.

Easy to lay—To install, apply adhesive (Bruce Coldstik) to smooth subfloor or old floor and then lay blocks. Tongues and grooves assure tight fit ...no nailing, no sanding, no finishing. Your new floor is ready to be used and admired as soon as it's laid. The cost is surprisingly low.

BRUCE

Laminated Oak Blocks

By the world's largest maker of hardwood floors

Send for color folder

E. L. BRUCE CO.
1608 Thomas St., Memphis 1, Tenn.

Send complete information to:

Name_____

Address_____

City_____ State_____

My lumber dealer is_____

Only SUN-PROOF®

gives you these extra safeguards to keep your home looking "just painted" years longer!

AMERICA'S FINEST HOUSE PAINT

- *SPECIAL PIGMENTS that fuel fumes and gases will not discolor*
- *VITOLIZED OIL® that resists weather-wear*

Each year thousands upon thousands of homeowners protect their dwellings with SUN-PROOF house paint. They like the smooth, easy way it goes on, the thorough way it covers. Most of all, they appreciate its *extra* safeguards that keep their homes looking "just painted" years longer.

• **For SUN-PROOF is the only** house paint made with fume-resistant pigments and Vitolized Oil. These pigments withstand the damaging effects of fumes and gases that discolor ordinary house paints. Vitolized Oil controls penetration, providing a tough, elastic surface that expands or contracts with the weather and resists checking and peeling.

• **With more than a hundred colors** to choose from, you can now give your home a fresh new color scheme that's distinctively your own.

FREE—A new book of MODERN DECORATING IDEAS for inside and outside the home!

• Ask your Pittsburgh Paint dealer for a copy of the new beautifully illustrated book of Modern Decorating Ideas. You'll find in it scores of suggestions for new color schemes for inside and outside the home. It also contains many practical painting hints to save you time and money.

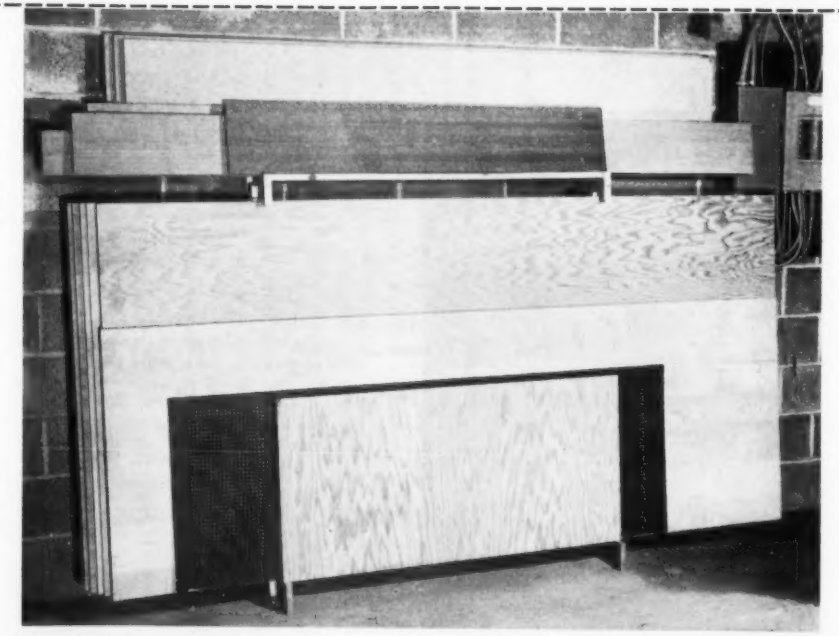
PITTSBURGH® PAINTS

SYMBOL OF SERVICE FOR SEVENTY-FIVE YEARS

75th ANNIVERSARY 1883—1958

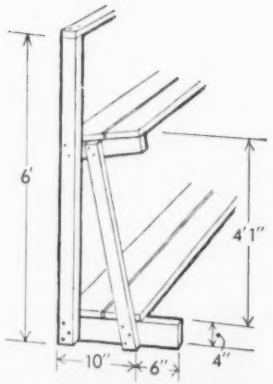
PITTSBURGH PLATE GLASS COMPANY

IN CANADA: CANADIAN PITTSBURGH INDUSTRIES LIMITED



For ideal plywood storage, sheets should lie flat to guard against warping. This, of course, is impractical in most shops. Alternative is to stand them on edge as vertical as possible. This rack holds six full sheets with room for other lumber above.

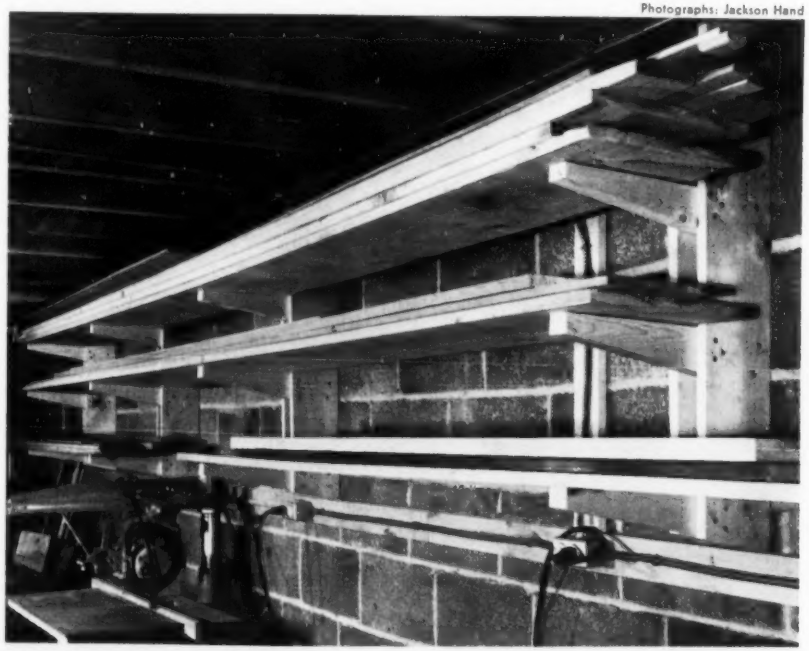
Rack is built of 1x2s, using fourpenny nails clinched in back. Be sure to make one right- and one left-hand side. Ends are 4 feet apart to give best support to 6' full sheets of plywood, hardboard, and other materials.



To allow sheets to be stored in a nearly vertical position without danger of falling forward, screw this turn button to ends of shelf supports.

Cut along dotted lines

Photographs: Jackson Hand



Three-level lumber rack separates different kinds and sizes of boards, reduces fairly large supply to three, neat, easily handled piles. Stock lifts off edgewise, so no space is needed at ends. Mounted high on wall, it leaves room below for the operation of power tools.

Solve a basic workshop problem by using these ideas for efficient, spacesaving . . .

Lumber storage

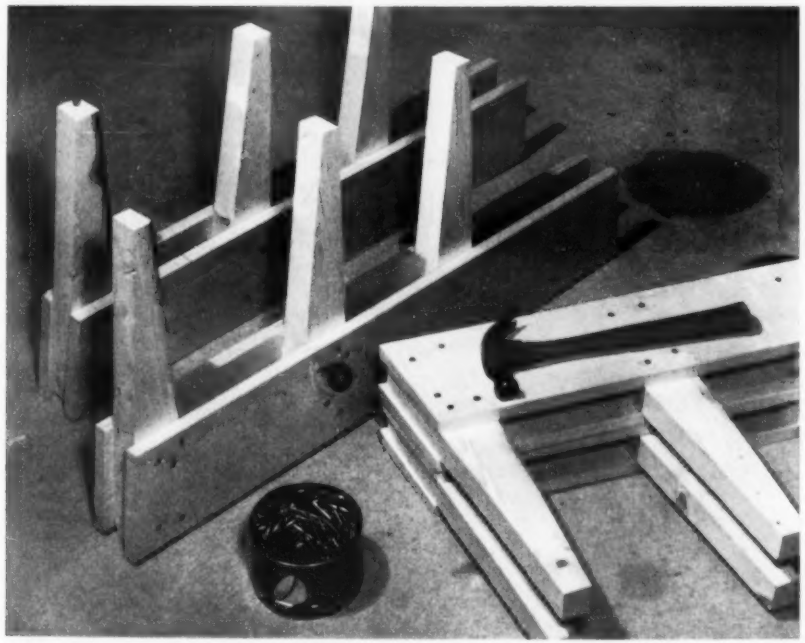
Every man planning a workshop project should first prepare a list of materials so accurate that, when the job is completed, there are hardly enough scraps left to kindle a fire. Unfortunately, it never works that way. Every job results in odds and ends of wood that look too useful to burn or throw out.

Then, too, there are times when you get a good buy on lumber at the local yard. This makes it a double problem of lumber storage.

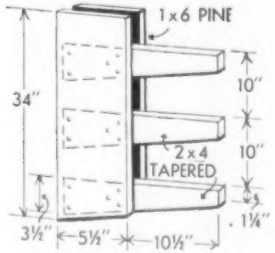
What to do with those useful-looking scraps, and how to store that stock of lumber? The simple, low-cost racks shown here answer these questions.

Add these pages to your HANDYMAN'S BOOK

File under Lumber



Add a support for each additional 4-foot length of lumber to be stored; 16-foot stock needs four supports, 12-foot needs three, and so on. Build one unit, then assemble others on top of first so they are identical. The brackets should have slight upward tilt.

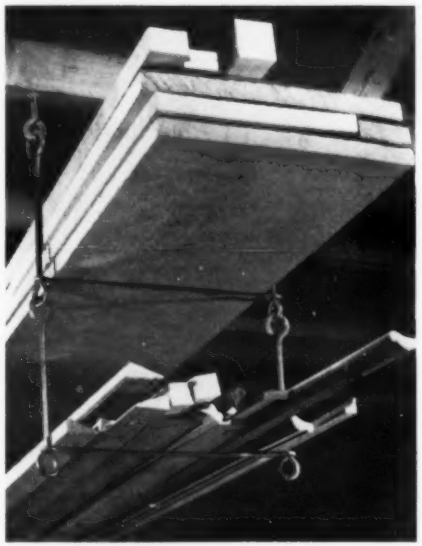


Verticals are 1x6s, brackets are 2x4s. Use 8-penny nails. Tapered brackets increase storage and handling space without reducing strength. You can use inexpensive lumber if the knots are sound.

Mount supports by straddling ceiling joists with tops of vertical members. Keep them snug against wall and level with each other. One support on every fourth joist usually works best.

PUSH

OUT



For quick, easy way to store small amounts of lumber, you can buy steel shelf supports to hang from joists.

Since the stock must be removed from these shelves from the ends, space must be allowed to equal the length of the stock to be stored.

HOME WORKSHOP owners agree on these suggestions for preventing an accumulation of scrap around the shop . . .

Throw away most scraps of ordinary one-inch-thick lumber. Its common use continually produces more useful pieces.

Throw away most scraps from cutoff sawing. They are difficult to work with and seldom prove useful.

Save larger ripping scraps for cleats, nailing strips, and so on. They may save your ripping a good board.

Save scraps of five-quarter- or full two-inch-thick stock. These slightly thicker pieces are very often useful.

Save scraps of plywood for use as corner braces and for other uses where its two-way strength makes it essential.

Save nearly every scrap of the expensive cabinet woods. The larger pieces can make attractive accessories.

Save useful lengths of moldings, especially types you've used in the house. They will simplify matching for repairs.

Store small scraps of ordinary lumber in a tall cardboard carton. When the box is full, burn it, scraps and all, and start with a new, empty box.

HAL MARCH asks the Big Question:

"What's the best way to spend $28* on a home today?"

"$64,000 QUESTION" TV QUIZMASTER HAL MARCH AND HIS WIFE, CANDY, ADMIRE FIESTA PATTERN HUSH-TONE TILE

"Quiet and beautify with Hush-Tone Ceiling Tile by Celotex!"

TRADE-MARK

You can do it yourself over the weekend! With beautiful new HUSH-TONE Tile, you can have modern sound-absorbing ceilings like the one you see here. As do-it-yourself enthusiast Hal March says, "It's easy!"

This new tile by CELOTEX not only beautifies *any* room . . . it also puts a heavenly hush on noise . . . absorbs up to 20 times more noise than ordinary ceilings . . . adds the comfort of quiet to family living!

Famous Raymond Loewy Associates created HUSH-TONE Tile's *Linear-Random*† design . . . hundreds of tiny "sound traps" in an eye-pleasing new arrangement . . . patented by CELOTEX, *first name in sound quieting.*

Only HUSH-TONE Tile gives you a choice of white or color in two exclusive pre-decorated finishes: *True White* or new color-flecked *Fiesta* for that expensive-looking "interior decorator" touch. Later, if you redecorate, you can paint without clogging the perforations. That's why we say, Hush-Tone Tile is *permanently* sound-absorbent!

In your new home, or over old ceilings, HUSH-TONE Tile cuts down noise in family room, recreation room, dining room, kitchen . . . wherever quiet is welcome and beauty is a "must."

Leading builders feature HUSH-TONE Tile in their Model Homes. It's a mark of quality construction. When you buy, build or modernize, insist on *genuine* HUSH-TONE by Celotex.

Whether you do it yourself or have it installed, visit your CELOTEX building products dealer, now. See samples. Get his friendly advice. Learn how little it will cost to "Hush-Tone" *your* home!

Other Celotex Brand Products preferred by leading architects, builders and contractors: INSULATING SHEATHING • MINERAL WOOL INSULATION • INSULATING ROOF SLABS • CELO-ROK® GYPSUM PLASTERS, ANCHOR-LATH, WALLBOARDS • TRIPLE-SEALED® ASPHALT SHINGLES • INSULATING SIDING • HARDBOARDS AND MANY OTHER BUILDING PRODUCTS

CELOTEX

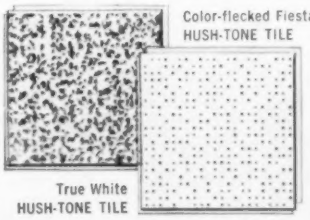
REG. U.S. PAT. OFF.

BUILDING PRODUCTS

**Approximate cost of HUSH-TONE Tile for a 10' x 14' room.*

†U.S. PAT. NO. D168,763

Two types to choose from:



Color-flecked Fiesta HUSH-TONE TILE

True White HUSH-TONE TILE

THE CELOTEX CORPORATION, Dept. BHG-58
120 S. LaSalle St., Chicago 3, Ill.

Please send FREE new full-color booklet showing how to quiet and decorate with Hush-Tone and many other Celotex ceiling tile products.

Name .....

Address ..... County .....

City ..... Zone ..... State .....

Any way she turns . . .

the picture of

POISE

There's a special quality about her. It's in the gracious way she moves . . . the artfully simple way she dresses . . . the quietly assured way she speaks. She's the kind of person who goes about her living *poised* and *confident*. "Problem days" have no meaning for her. She relies on *Tampax*—knows it completely protects, while it keeps her secret safe.

With Tampax® internal sanitary protection, she's never bothered with pads, belts, pins . . . never worried about odor forming . . . never concerned with disposal or carrying problems. Invisible and unfelt when in place, Tampax makes her literally forget there's a difference in days of the month!

No wonder millions of smart young moderns use Tampax! It's certainly the *nicer* way, the *better* way of handling those days. Why don't *you* use Tampax, too? Try it this month. 3 absorbencies (Regular, Super, Junior), wherever drug products are sold. Tampax Incorporated, Palmer, Mass.

Invented by a doctor—now used by millions of women

Photographs: Pease

STOMACH. When an infant sleeps "frog fashion" most of the time during his first four months, the muscles and ligaments may become stretched and set in this outward-turning position. Later, his legs and feet may turn out when he stands, requiring treatment.

SIDE. Baby should be trained to sleep on first one side, then the other, by tucking a small pillow behind his shoulders and hips, or placing a rolled baby blanket behind him, as above, to prevent his rolling onto his back. Alternate sides after each feeding.

Just how should your baby sleep?

Bone specialists have discovered there's often a link between deformities in youngsters' legs and feet and their sleeping habits during infancy

By Ann Usher

Recently, a number of orthopedic surgeons have noticed many cases in which toddlers' legs from hips to feet were turned either inward or outward in a marked degree, rather than being held in the normal midline position. The orthopedists noted, also, that there seemed to be a definite relationship between these distortions and the manner in which the children had been accustomed to sleep since early infancy.

One authority who has studied these conditions tells us, "I think that if a baby always sleeps in the same position, deformities can result. If he sleeps in various positions, which most babies do, it's unlikely there will be a problem. Chief criticism is that of always sleeping in the 'knee-chest' or in the so-called 'frog' position."

Notice the picture of Baby sleeping on his stomach and you'll see what is meant by frog position. An infant lying on his back also will hold his legs in this frog position.

For several months after birth, the baby's knees remain flexed except when he is kicking or stretching. When the usually bulky, too large, diaper is put on the tiny infant, his thighs are forced apart so that, if he is placed on his stomach or back, his legs—with knees flexed—are at right angles to his body. As a result, his hips are rotated outward.

A baby may stay in this position (whether on stomach or back) most of the time until he is old enough to turn by himself. The muscles and ligaments about the hip may become stretched and fixed in this position of outward rotation.

Then, when the child is old enough to stand, the entire leg is turned outward. The orthopedist comments, "One foot goes east and one goes west." At examination, the physician can turn the youngster's legs, without any discomfort, until the kneecaps point 90 degrees sideways; but the legs can be turned inward only until the knees point straight forward. Such a child walks with his legs rotated outward at the hips about halfway between these two points.

Meanwhile, the child is [*Turn to page 168*

Are you spending too much time in the kitchen?

Check the "Live Better Electrically" scale and see

So much of your life is spent in the kitchen! It's simply good sense to key your kitchen to modern living with an electric range. Food will taste better and you'll have so much more time—and pep! Check the benefits of modern electric cooking. If you're missing too many, maybe it's time to change to an electric range — and to start Living Better Electrically with all the other cooking aids available, too. See your electric utility or appliance dealer.

Answer these questions

	YES	NO
Can you cook a perfect supper while you're shopping?	☐	☐
Does your kitchen stay as cool as the rest of the house?	☐	☐
Does your range turn off automatically when the roast's done just right?	☐	☐
Do you get the same happy results every time you bake?	☐	☐
Can you rub a white towel under cooking pots after use, without soiling it?	☐	☐
Are your kitchen walls free from "yellowing" paint and fuel grime?	☐	☐
Can you cook anywhere in the house—or outdoors?	☐	☐
Is your coffee freshly made and hot when you wake up?	☐	☐
Can you bake a perfect cake by simply pushing a button?	☐	☐
Do you have at least six electric cooking appliances?	☐	☐
Can you boil a pint of water in two minutes?	☐	☐
Does your range keep working safely if you spill water on it?	☐	☐
Can you barbecue a chicken indoors?	☐	☐
Can you simmer sauces safely when breezes blow through your kitchen?	☐	☐
Will a swish of a dishcloth clean your range after a meal?	☐	☐
Is yours a safe, carefree, all-electric kitchen?	☐	☐

Here's your "efficiency rating"

13-16 YESES

Lots-o-leisure Lottie

You've got more free time and energy . . . you're living better electrically — all the way!

9-12 YESES

Easy-does-it Elsie

Electricity is doing wonderful things for you, but it will do even more when you let it.

5-8 YESES

Pooped-out Patsy

You're still doing a lot of hard work that electricity could do more easily — and faster.

1-4 YESES

Drudging Dora

You're working too hard, but cheer up. Fun lies ahead as you acquire electric appliances.

LIVE BETTER
...Electrically

LIVE BETTER ELECTRICALLY

Look for this seal in other advertisements for products to help you Live Better Electrically.

NO OTHER ANTISEPTIC
not even iodine
IS SO EFFECTIVE YET SO SAFE!

Johnson & Johnson First Aid Cream fights infection without stinging.

Cuts, burns, abrasions heal faster because it doesn't burn or harm tissue. Greaseless, stainless.

The modern first aid treatment for the whole family.

Johnson & Johnson

How should your baby sleep?

Begins on page 166

apt to have become flat-footed, also, because of the way his feet have rested on the mattress while sleeping so regularly on his stomach or back.

The reverse effect may result if a baby persists in sleeping in the knee-chest position—with his knees drawn up under him, hips up in the air, and feet turned in toward each other, in a pigeon-toed fashion.

Pediatricians may suggest this position "to help get the gas off the stomach." And mothers like the knee-chest position because Baby's less likely to kick off his covers in his sleep.

But, chances are that the baby who sleeps in this position will crawl with his feet turned in toward each other, and will sit back on his lower legs with his feet turned in. This twists the lower leg inward. When he walks, the entire leg turns in from the hips and the child has the appearance of being bow-legged. He also may be pigeon-toed.

This condition is called "medial torsion." A few babies are born with it, in which case treatment is more difficult than if it has developed as the result of faulty sleeping and sitting positions.

Fortunately, the conditions described can be corrected. But it may take months. The baby's physician will instruct the parents how to manipulate the child's feet and legs into the correct positions. Morning and evening sessions of this manipulation are necessary until the legs and feet assume the correct position.

In some cases, treatment by an orthopedic specialist may be required. The earlier either the inward-turning or outward-turning condition is recognized, the easier the correction. It is not safe to assume that the deformity will correct itself.

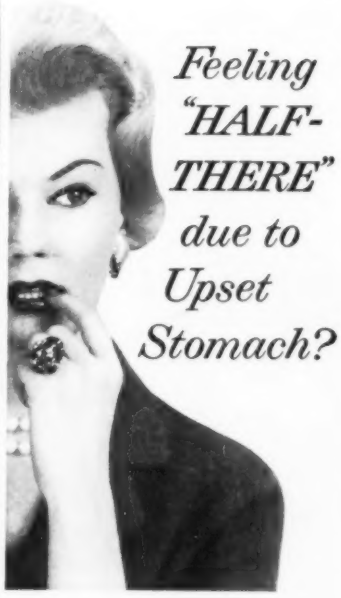
To prevent the development of either inward or outward rotation of the legs, it is recommended that the baby be taught to sleep on its side, with hips and knees gently flexed. After one feeding, place Baby on one side; after the next feeding, on the other side, so that he doesn't form the habit of always sleeping on the same side.

Until Baby is accustomed to it, he can be kept on his side by tucking a small pillow or rolled baby blanket behind his hips and shoulders.

Sleeping on the side, alternating from one side to the other, also prevents deformities of the jaws and gives a better shaped head.

Baby should never be placed on his back after a feeding, until he is able to turn over by himself, because of danger of regurgitation.

Let the baby exercise on his stomach when he is awake. Sleeping on his stomach can certainly be allowed occasionally. Just be sure it doesn't become a habit.

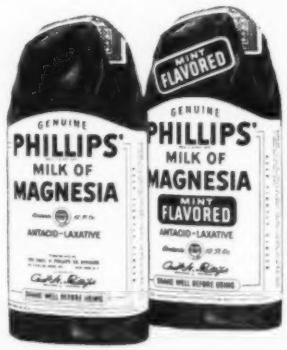


Feeling "HALF-THERE" due to Upset Stomach?

Settle Your Stomach in Seconds with Milk of Magnesia!

Scientific tests show that Phillips' Milk of Magnesia actually settles your stomach in *seconds!* That's because Phillips' is one of the *fastest, most effective* stomach acid neutralizers ever discovered!

So whenever upset stomach, gas, heartburn or other symptoms of acid indigestion have you feeling only "half-there", take Phillips' Milk of Magnesia right away. In almost no time at all you'll be back to normal—feeling bright and chipper again. Get Phillips', either regular or in new, mint-flavored form that tastes delightfully clean and refreshing.



PHILLIPS'
Milk of Magnesia
REGULAR • FLAVORED

Trader Vic's

Continued from page 149

Chicken Almond

It's a company feast in any language. Have everything measured ahead, then cooking goes fast—

2 cups finely sliced raw breast of chicken
4 tablespoons peanut or salad oil
• • •
2 cups diced bamboo shoots (¼-inch squares)
2 cups diced celery
1 cup diced bok choy (Chinese chard) or romaine
1 cup sliced water chestnuts
½ cup blanched almonds
2 tablespoons soy sauce
2 teaspoons monosodium glutamate
3 cups chicken broth
• • •
4 tablespoons cornstarch
½ cup cold water

Fry the chicken in the oil in a preheated, heavy, large pan; add rest of ingredients except cornstarch and water; mix thoroughly. Cover and steam 5 minutes. Blend cornstarch and cold water; add to chicken and cook, stirring constantly, till mixture thickens. Add salt to taste. Serve immediately with Chinese Fried Rice. Garnish with extra almonds. *Note:* High heat and quick stirring are essential. The secret is to avoid overcooking. Makes about 8 servings.

Chinese Fried Rice

Expertly seasoned to go with Oriental delicacies like Chicken Almond, Teriyaki, and Foo Yong—

Once you've cooked your rice, you can proceed to do some interesting things with it, such as making fried rice. If you've ever flopperooed with this dish it probably was because you tried to make it the same day you cooked your rice. That won't do at all. Fried rice is really a leftover dish, and cold cooked rice is the first requirement.

½ cup finely diced cooked ham, chicken, or pork
2 tablespoons peanut or good cooking oil
3 finely sliced mushrooms
1 quart cold cooked rice
1 green onion, finely chopped
2 tablespoons soy sauce
• • •
1 egg, well beaten

Fry the meat in the oil lightly, add the mushrooms, rice, green onion, and soy sauce. Continue to fry over low heat for 10 minutes. Then add the well-beaten egg and continue to fry and stir for another 5 minutes. If the color isn't dark enough, add a little more soy sauce, as this is what really gives color and flavor to fried rice. Makes 6 to 8 servings.

Aside from the Trader Vic's in San Francisco and his original place in Oakland, California, Trader supervises the following restaurants: The Outrigger, Benjamin Franklin Hotel, Seattle; The Outrigger, Cosmopolitan Hotel in Denver; The Traders, Beverly Hilton Hotel in Beverly Hills, California; The Traders, Palmer House, Chicago; Trader Vic's, Habana Hilton in Havana, Cuba; Trader Vic's, Savoy-Plaza, New York City.

For his new "Mark 58" model, home builder **Donald Scholz** chooses mahogany **Craftwall** wood paneling!

Trend-setting home producer Donald J. Scholz has created his "house of the year" with everything from electronic cooking to built-in hi-fi. In the living room, rich mahogany Craftwall wood paneling lends warmth and charm.

See Craftwall in the Scholz "Mark 58" model home in your area

Craftwall has that genuine hand-rubbed look . . . professionally prefinished to give the most durable wood finish known. Every "plank" is hand-selected to show rich, natural grain! Yet hardwood Craftwall for 8′ x 12′ wall costs as little as $60.

Take a pointer from the men who build America's newest homes. For gracious warmth, they choose Craftwall's true wood beauty.

Craftwall gives you so many beautiful woods to use in your home: lovely *Elm*, two kinds of *Birch* . . . mellow *Maple* or *Cherry* . . . handsome *Oak*, *Walnut* or *Mahogany* . . . *Knotty Pine*. And never before has paneling been so practical, so easy to care for. Craftwall doesn't even need waxing. It wipes clean with a cloth. The finish seals out dirt and stains.

You're sure of a beautiful job with Craftwall. It comes in easy-to-fit panels: 48″x96″, 48″x 84″, 32″x64″, 16″x96″, or longer lengths.

Using nails or Roddis Contact Cement, even a handyman can put up a wall quickly.

With Craftwall, you've solved your yearly redecorating problem. It's guaranteed for the life of the installation—adds value to any home.

See samples of Craftwall at your lumber dealer's. He will be happy to cooperate with you or your builder.

Roddis also offers custom Hardwood Paneling . . . Doors . . . Wood Finishes . . . Adhesives . . . Plywoods . . . Timblend

Roddis

New ideas for smarter rooms—send for file today!
Roddis Plywood Corp., Dept. BH-558, Marshfield, Wis.
Please send me the Craftwall Idea File on beautiful rooms with wood paneling. I enclose 10¢.

Name .....

Address .....

City ..... State .....

The Bel Air Sport Coupe with Body by Fisher. Every window of every Chevrolet is Safety Plate Glass.

YOUR PRIDE WILL PERK UP *whenever you're seen in your* **'58 CHEVROLET.** *One look at those low, wind-whisked lines and you know you're bound to be noticed. And you'll find still more to be proud of in the quick, sure way Chevy responds to your touch.*

Sure as it's a Chevy, you're going to be looked at when you drive this good-looker. Don't be surprised if you even hear a soft whistle of approval now and then. There's just something about Chevy's low, straining-at-the-bit beauty that makes people sit up and take notice.

The way this Chevrolet *moves* is something to be admired, too. Its quick-sprinting power, for example, and the reassuring way it keeps its poise, even on sudden dips and curves.

Another big reason you'll be prouder of a Chevy is that it's the only honest-to-goodness *new* car in the low-price field. There's a new X-built Safety-Girder frame . . . new Turbo-Thrust V8* . . . new longer, lower Body by Fisher . . . a choice of new standard Full Coil suspension or a real air ride.* Cars just don't come any newer—or nicer—than this one.

Make it a point to stop by your Chevrolet dealer's real soon. What he's selling is high on pride but low on price. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

**Optional at extra cost.*

CHEVROLET

Winning curtain combinations

Photograph: Warren Reynolds. Decorator: Claude Brommage, A.I.D.

If it's a window group. 1. Draw rods can go around corners, permitting special window treatments. You can pull the draperies together at night to form a beautiful fabric background for sofa.

2. Slat blinds, mounted on spring rollers, will give you privacy while allowing sunlight to filter through. It's a wonderful idea, especially if there is an unsightly view.

3. Color-matching unites window frames and shades. You can paint your blinds to match your painted woodwork, or leave them the natural or stained wood color.

DOES A WINDOW situation like one of these exist in your home? Try your own variations of some of these basic treatments

Photograph: Warren Reynolds. Decorator: Peggy Sloan

If it's a window-door. 1. Wall draperies are planned not to interfere with door swing.

2. Cafe-style door panel gives privacy and conforms to other window treatments in room.

3. Corners are anchored with small brass rings which prevent panel from flapping in the breeze, catching in door when it's closed.

Photograph: Hedrich-Blessing. Decorator: Roberta Koll

← **If a radiator's in the way.** 1. Full-length draperies on either side of the radiator are stationary. They're hung from extension rods to give the window an illusion of width.

2. Shorter panels come to radiator top. Hung on traverse rods, they open and close easily.

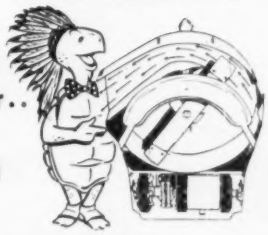
3. Heat-resistant fabrics make it possible to hang draperies close to radiators.

America's Finest Power Mowers

SNAPPIN' TURTLE®

No Can Scalp 'em Lawn...

Look under.. see why!



Snappin' Turtle has no wheels . . . glides on skidpan, propelled by roller drive . . . it just can't scalp.

Has many other quality features: safety steel decks; replaceable blade tips; Channel Spray Grass Chute; Grass Pick-up Finger . . . picks last blade off walls.

Perfect Cut!

Built like battleship handles like canoe!

22" and 27" sizes

SNAPPIN' TURTLE . . . world's easiest handling mower. Self-propelled with power reverse; fingertip controls; heavy duty engines.

Ride 'em, too!

22" and 27" sizes

PROVEN . . . POWERFUL

14 models in the complete SNAPPER line, from 18" to 36" . . . at your dealers.

WRITE FOR FREE FOLDER

McDonough Power Equipment, Inc.

McDonough, Georgia, U. S. A.

These lovely fixtures cost as little as 33c a day, plus installation

Bathroom design by Ving Smith

U/R STYLE

sets The New Trend in Bathrooms!

You can have lovely, stylish, new U/R fixtures like these in that bathroom or powder room you've been wanting.

Notice those clean, smart lines. The fashion flair of U/R designers has long made U/R fixtures the design leaders. The soft, decorator colors are so closely matched that you have perfect color harmony. Or if you prefer white, U/R fixtures are the whitest white—proved by actual tests.

There just aren't any other fixtures like U/R when it comes to long-lasting loveliness. Their super-hard surface makes them easier to clean and scratch resistant.

Illustrated are Cathleen counter top lavatories, Master Meadow recessed bathtub, and the Castle water closet.

NOW IT'S EASY

to remodel with lovely bathroom fixtures

NO MONEY DOWN!

LOW MONTHLY PAYMENTS!

36 MONTHS TO PAY!

Wouldn't it be wonderful to have a smart "new trend" bathroom, with the World's Finest Bathroom Fixtures?

With delightful U/R fixtures in color, and exciting accessories, you can make your own bathroom a lived-in, beautiful grooming room. And think of the convenience of having that extra bathroom for your growing family or for guests. Think, too, of the extra value you'll add to your home with truly modern bathroom facilities. And it's so easy now, with low monthly payments on the U/R Plan.

Yes . . . it's easy now. U/R's new Easy Payment Plan gives you the go-ahead on your long-desired bathroom remodeling. You pay no money down, with low monthly payments and 36 months to pay for the fixtures. It's the simplest plan you can imagine. You can easily have work started in a few days. See your plumbing contractor for all the facts on the Universal-Rundle Easy Payment Plan. If he does not have full details, ask him to contact his wholesaler or write to Universal-Rundle.

Send coupon now for this exciting Bathroom Planning Kit. You'll be delighted with the many ideas in the U/R Bathroom Planning Kit. You'll want to study the "New Trend in Bathrooms" book carefully. It shows how different are today's smart bathrooms—and how lovely they can be with U/R fixtures. With the Kit, you can plan your own remodeling just the way you want it.

1. *"The New Trend in Bathrooms" book.* It's jam packed with exciting ideas for beautiful bathrooms, all illustrated in glorious color. Page after page of unusual bathrooms created by designer Ving Smith.

2. *Bathroom Layout Kit.* Complete, easy-to-follow instructions for designing your new bathroom. Includes floor plan sheet and cutouts of bathtubs, lavatories, and water closets.

3. *Color Key Packet.* Helps you to see these lovely U/R bathroom fixtures in each of six gorgeous decorator colors. Desert Tan—Jonquil Yellow—Verdant Green—Rose Pink—Azure Blue—Mist Gray—and Arctic White. Suggests complementary colors for walls, floors, and accents.

Get the Kit in one of these ways:

1 *Fill out the coupon with your name and address and mail to Universal-Rundle enclosing 25c in coin. Your Kit will be rushed to you.*

2 *Or add the name and address of your plumbing contractor and the Kit will be delivered to you free. Your plumbing contractor will be glad to give you the benefit of his professional knowledge and experience, without cost or obligation. He is a good man to know!*

UNIVERSAL-RUNDLE CORPORATION
524 River Road, New Castle, Pa.

Please rush my Bathroom Planning Kit.

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

My Plumbing Contractor is _____

His Address _____

Universal Rundle

MAKER OF THE WORLD'S FINEST BATHROOM FIXTURES

UNIVERSAL-RUNDLE CORPORATION, New Castle, Pa. • Plants in Camden, N.J.; Milwaukee, Wisc.; New Castle, Pa.; Redlands, Calif.; Hondo, Texas

your best buy*

* stretches the years between painting...
* right paint for every type of surface...
* endorsed by leading painters...

FREE! 44-page "Facts About House Painting" book. At your dealer, or write The Sherwin-Williams Co., 1116 Midland Bldg., Cleveland 1, Ohio.

FACTS ABOUT HOUSE PAINTING

THE SHERWIN-WILLIAMS CO.

Photograph: Hedrich-Blessing. Decorator: L. Keith Wilson, A.I.D.

Fluorescent light fixtures over the recessed bookcases spotlight titles, encourage browsing. Set behind a paneled cornice, the lights are hidden from the reader's view.

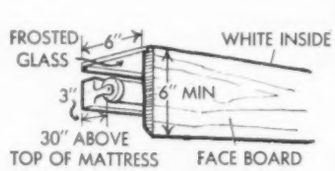
All of the light is directed downward, dramatizing the area. Special light such as this is only a supplement to general room lighting.

Bright ideas in lighting

LIGHTING FIXTURES can be both decorative and functional. Careful planning will give you good lighting, blended with your decorating scheme

Wall-bracket fixture provides light for reading in bed, serves as a decorative point of interest in the home of Mr. and Mrs. A. Percy Leon, Sarasota, Florida.

Fluorescent light filters through frosted glass, softly illuminating shell and crystal collection. Reflections are painted on wall, forming eyecatching display. Bed table is clear for books, miscellaneous items.



For best service, your wall bracket should have this type of construction. When the bracket is installed over the bed, the bottom edge of the face board should be 30 inches above the top of the mattress.

Photographs: Lisanti. Decorator: Phil Hall

Two types of adjustable lighting used in this study corner in the Leon home provide excellent light distribution for desk, typewriter, and bookshelves. Adjustable fixtures reflect light up or down. Fluorescent lights are encased in satin-finished stainless-steel fixtures, available in various lengths.

Incandescent desk lamp clamps to slab desk, can be adjusted to correct height for desk work or swung over to typewriter. Light-colored desk surface is good light reflector.

Today's fine homes are built with

DFPA TESTED QUALITY **Fir Plywood***

*8 WAYS FIR PLYWOOD ADDS VALUE and LIVABILITY ALL THROUGH THE HOUSE

SUBFLOORING · WALL SHEATHING · ROOF DECKING / INTERIOR PANELING · BUILT-INS / SOFFITS · GABLE ENDS · SIDING

DOUGLAS FIR PLYWOOD ASSOCIATION, TACOMA 2, WASHINGTON

BEAUTIFUL LAWNS — the easy way

Every Squirt Kills a Weed

New WILT wipes out all common lawn weeds. Squirt it right from the can... it's ready-mixed. WILT spot weed killer rids your lawn of all common lawn weeds...fast! Yet WILT is harmless to grass.

Outdoor Living Without Insects!

New CURB works faster — lasts longer. Just sprinkle right from package. Grains of CURB won't blow away. Works two ways. Kills insects in grass and underground. CURB even wipes out hard-to-stop Japanese beetles, fire ants, chinch bugs and lawn moths.

DIAMOND BLACK LEAF

Black Leaf Products
COMPANY CHICAGO, ILLINOIS

Enter the "How's Your Home?" Contest

Firms displaying the Home Improvement Council seal can furnish you with complete rules and Official Contest Guide. To enter, you only have to tell what your home needs and why you wish to improve it.

WISCONSIN

Bucky, the lucky Badger, invites you!

WISCONSIN CONSERVATION DEPT.
State Office Building, Room 86,
Madison 1, Wisconsin

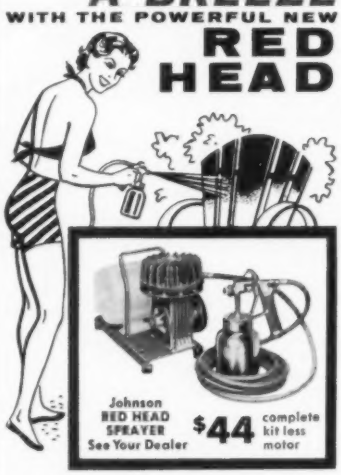
Please send me complete Wisconsin Vacation Kit, including new book in color, map, fishing regulations, and sources of additional regional information.

Name _____ (Please Print)

Address _____

City _____ Zone ____ State _____

PAINTING'S A BREEZE WITH THE POWERFUL NEW RED HEAD



New Red Head takes the drudgery out of painting furniture, fences, siding! Cuts painting time up to 85% or more! Assures perfect results every time!

Perfect, too, for insecticide fogging, garden sprays, waxing, greasing, inflating, cleaning—has 101 uses around home, shop and farm!

Outperforms them all—even many large ½ hp units! *Red Head compressor is the most efficient ever built!* Delivers clean, oil-free air at 3.5 cfm and 50 psi pressure! Plenty of power even for heavy porch and deck enamels and multi-color paints! Portable, compact—only 10" high, weighs under 30 lbs.!

Complete Kit includes compressor, spray gun, air hose, tire chuck, V-belt, fittings, pulleys. Use any ¼ hp or larger motor.

Write for Catalog and Introductory Offer! 37 other models, from $30.

JOHNSON SERVICE CO.
DEPT. A, MILWAUKEE 1, WISCONSIN

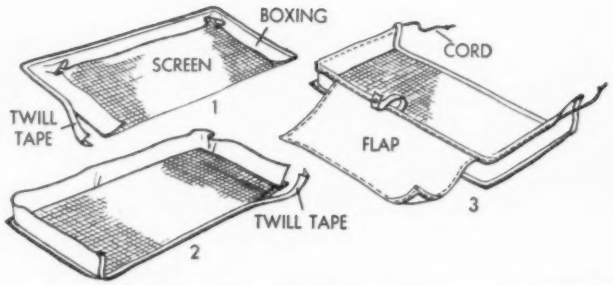
Family camping

Continued from page 161

Station-wagon owners have a "tent" on wheels. Mosquito-proof porch ($14) fits over open transom and tailgate. Sheeting may be hung inside for dressingtime privacy. Also available is a complete tent ($70) to enclose rear of station wagon.

Keep insects out, have fresh air in car with slip-on window screens you can make.

Sturdy screening fits outside window. Canvas drops down inside for privacy. Screen unit and door slam shut without difficulty.



To make screens, cut nylon or fiber-glass screening to size of window frame; then stitch on canvas strip as wide as door is thick. Bind seam with twill tape. Drawstring runs through hem, ties around base of window. Flap rolls up and snaps at top.

Write for campground information

State conservation departments can supply details on camping facilities in your area. Several excellent guides to campgrounds are available at bookstores and libraries.

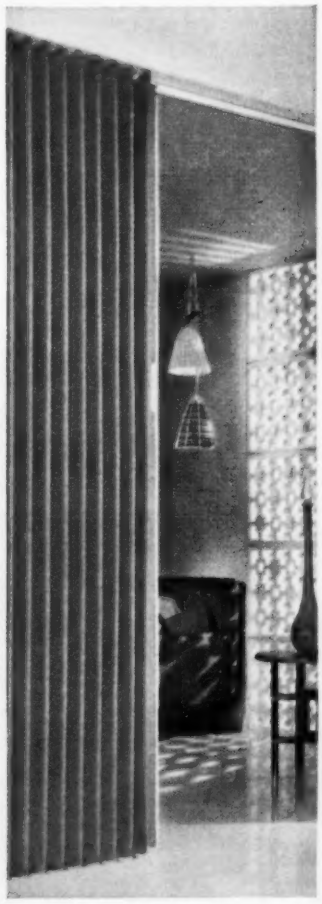
The federal government has issued two guide-maps: The National Park System—Eastern United States, *and* The National Park System—Western United States. *You'll know what to expect in each area by ordering* Camping Facilities in the National Park System. *Each costs 15 cents, from the Superintendent of Documents, Washington, D.C. For 30 cents, from same source, you can get* National-Forest Vacations, *a guide to 150 national forests.*

MODERNFOLD PRESENTS

exciting news in folding doors!

Now, folding doors with new elegance...and for the first time MODERNFOLD offers *two* types. The all-new wood MODERNFOLD (dividing wall shown at far left)—finished in a wide variety of selected, matched veneers. And the fabric covered type with steel inner framework, in a choice of marvelous new weaves and colors—all washable.

MODERNFOLD doors mean more usable space, more comfort and charm in any home. They divide rooms quickly and efficiently. They fold *inside* doorways; don't crowd *you* or the furniture. So convenient for closets, too...let you see and reach whatever you want. As for quality, there's just no comparison. Durable, dependable MODERNFOLDS are built to give lifetime service. You'll find MODERNFOLD dealers listed under "Doors" in the yellow pages.



Modernfold's new "Vivid" line—Folding doors and walls in striking shades with a luxurious and soft glow...the last word for dramatic color contrast.

Brand new line of popular priced Modernfold doors...with the inner framework of steel; stunning fabric covering in warm neutral colors. See how beautifully the Modernfold new, new look of luxury can be adapted to any income!

modernfold
DOORS
®

THE FIRST AND FINEST IN FOLDING DOORS

NEW CASTLE PRODUCTS, INC., Box 353A, New Castle, Indiana · Manufacturers of Folding Doors, Air Doors, Shower Doors, Vinyl-Coated Fabrics, and Peabody School Furniture · *In Canada:* New Castle Products, Ltd., Montreal 23.

a home is your best investment...see your builder now!

Every lawn and garden needs

Kills ants, Japanese Beetle larvae and adults, cutworms, thrips, white grubs, chinch bugs, mole crickets, earwigs, sod webworms (lawn moths), mosquitoes, flea beetles, maggots, and many other lawn and vegetable insects.

Look for CHLORDANE on the package label! Sold under various trade names at all garden supply centers!

CHLORDANE CONTROLS CRABGRASS, TOO!
Easy to apply! Does two jobs at once! Ask your dealer for details or write for free Crabgrass control booklet.

Mail coupon for free literature!

VELSICOL CHEMICAL CORPORATION
330 East Grand Ave., Chicago 11, Ill.

Please send me your lawn and garden insect and crabgrass control literature, series BH 58.

Name_____

Address_____

City_____ Zone____ State____

Shopping by Mail ®

Good garden sculpture is available

Continued from page 56

A sweet little figure like this is a delight in a small alcove, alone, or standing above a seashell basin.

Cherub is 32 inches tall, shell is 42 inches across, both cast limestone. About $25 each. The shipping charges will be extra. No catalog.

Von Hausen California Garden Art, 3126 Santa Monica Boulevard, Santa Monica, California.

Photographs: de Gennaro; Camera Associates

Leaping fish makes handsome fountain. Lead. Measures 14 inches over-all. Priced at $40, plus shipping charges.

The Erkins Studios, Inc., 40 West 40th Street, New York 18, New York.

Here are a dozen items of good design to start you thinking. One is sure to improve your garden

Ram mask and simple, fluted wall bowl are adaptable to any style of garden. Lead. Mask is 10 inches high, $40. Bowl is 23 inches wide, $45. Shipping charges extra. Erkins Studios.

Suitable for topping a pillar or for decorating a low terrace wall, these intriguing pieces of garden sculpture are made of Pompeian stone which is a fine grade of cast limestone.

Pair of pineapple finials about 15 inches high costs $45. The crouching rabbit is 12 inches long, costs $8.50. Fruit basket is 11 inches tall, sells for about $15 at shop. The Erkins Studios.

More garden sculpture page 184

Sleek new Ranchline† Shingles give your home sweeping design

Barrett brings you the shingle specially designed for ranch-type and split-level homes

Here's the biggest advance in roof styling in many years . . . new Barrett "Ranchline" Shingles. Applied to the roof of your home, these shingles have a sleek new shape — 50% longer than conventional shingles. This new shape gives modern homes a sweeping, longer look that's in tune with the times.

Conventional-type shingles are designed principally for multi-story homes, which have high, vertical lines. But new "Ranchline" Shingles are specially designed to accentuate the horizontal lines of modern ranch-type and split-level homes. They actually make a small home look longer and larger!

You can add color excitement to your roof, too, with "Ranchline" Shingles. They're available in heat-reflecting Snow White, cool pastels and deeper blends. They are fire-resistant as well, and offer unusual protection against wind and weather. You *know* you can rely on this Barrett Roof, backed by over a century of roofing experience.

Find Your BARRETT Roofer or Dealer in the Yellow Pages

Build a patio roof, carport or privacy fence with ALLITE† Plastic Paneling—a translucent Barrett material that comes in many colors.

Put up a bright, attractive ceiling yourself with Barrett Insulating Ceiling Tile. It's prepainted to give you a finished ceiling quickly and easily.

For a home that gives a colorful first impression have Barrett Asbestos-Cement Siding Shingles installed. They never need painting!

Finish your basement or attic quickly and economically with pre-painted Barrett Insulating Building Board or Plank.

You pay nothing extra for the custom look of "Ranchline" Shingles. So call your Barrett Roofer or Dealer for a free inspection of your present roof. Ask him to bring samples of sweeping new "Ranchline" Shingles . . . or write us direct. BARRETT DIVISION, Allied Chemical & Dye Corporation, 40 Rector St., N.Y. 6, N.Y.

†Trade Mark of Allied Chemical

Allied Chemical

Vigoro is made right for your

soil wherever you live

On your mark, get set... GROW!

What are you waiting for? Look—some folks are already off to a good start. They've got fresh seeds, healthy plants, strong nursery stock and—sure enough!—Vigoro Complete Plant Foods for everything that grows.

Golden Vigoro Complete Lawn Food

Feeds lawns far longer—releases complete and balanced nourishment to grass at a steady, scientifically controlled rate.

Doesn't burn grass—not a blade! This is the first lawn food formulated that can be applied directly on green and growing grass without watering in. Use the recommended amount of 1 to 3 pounds per 100 square feet of lawn.

Clean—and pleasant to handle. No odor, never messy. Always sanitary and free-flowing. Easy to use too. You don't even have to rake it in.

Vigoro Complete Plant Food

Complete—to provide all the nourishment flowers, vegetables, trees and shrubs need for vigorous growth—even in the poorest soils.

Balanced—to help all growing things develop and thrive both *up* and *down*.

Nice to use—odorless, clean and sanitary. Mix Vigoro into your soil before you plant, 3 pounds per 100 square feet.

Instant Vigoro Complete Water-Soluble Plant Food

Full nourishment—with immediate action to stimulate and sustain growth. Ideal for house plants, transplanting and supplemental feedings for lawns, flowers, vegetables, fruits and shrubs. Feeds through leaves *and* roots.

Spray it on—with a sprinkling can or use an Instant Vigoro Lawn Gun attached to your garden hose.

Vigoro Complete Rose Food

Steady and controlled diet—to avoid weak and unattractive flush growth. You'll have healthier roses and more beautiful roses.

Vigoro

COMPLETE PLANT FOODS

Vigoro is a registered trademark of Swift & Company

Your dealer has these Vigoro products as well as the other special Vigoro Plant Foods needed in your locality. Be sure to ask for Vigoro. The best gardeners do!

Personal help

in planning, decorating, and furnishing YOUR home

Look for this *Better Homes & Gardens* "Home Planning Center" seal when you're looking for ideas to help make your home more comfortable and attractive. It identifies leading stores who feature personal counsel on home planning, decorating, and furnishings problems.

Skilled advisers will be happy to give you individual attention to help you plan an attractive color scheme, choose correct furnishings, select the *Better Homes & Gardens* Five Star home plan that is best for you and your family.

Home Planning Center stores also have these valuable reference materials . . . *Better Homes & Gardens* books on decorating, remodeling, building, gardening, landscaping, and kitchen planning. Copies of these books may be purchased. Manufacturers' product literature is also available to you.

You can take your decorating problems to a BH&G Home Planning Center store with assurance that you'll receive expert advice tailored to your own specific needs. To facilitate the store's service to you, be sure to take along your room dimensions, color or fabric samples, floor plans, and so on.

BH&G Home Planning Centers are set up to offer personal help rather than give counsel through correspondence. For the most benefit it's best that you visit personally the Home Planning Center in your area. There is no charge.

The stores listed below feature BH&G Home Planning Centers. Visit the one nearest you soon. BH&G Five Star home plans can be purchased at all of these stores.

Arizona
Phoenix—Barrow's Furniture
Tucson—Barrow's Furniture

California
Oakland—Breuner's
Sacramento—Breuner's
Stockton—Breuner's

Colorado
Colorado Springs—Home Furniture Company

Connecticut
Bridgeport—Howland Dry Goods Co.

District of Columbia
Washington—Hechinger Co.

Florida
St. Petersburg—Maas Brothers
Tampa—Maas Brothers, Gandy Blvd.

Georgia
Atlanta—Rich's
Augusta—Bowen Brothers

Illinois
Chicago—Carson Pirie Scott & Co.
*Chicago—First Federal Savings & Loan Assn.

Indiana
Fort Wayne—Wolf & Dessauer Co.
Indianapolis— L. S. Ayers & Company
South Bend—Robertson Bros.

Iowa
Cedar Rapids—Smulekoff's
Des Moines—Younkers
Sioux City—Younkers-Martin's

Kansas
Topeka—Bomgardner's
Hutchinson—Wiley's
Wichita—Innes, a Macy store

Kentucky
Louisville—The Stewart Dry Goods Company, Inc.

Maine
Lewiston—Peck's

Massachusetts
Boston—Jordan Marsh Co.
Springfield—Forbes & Wallace

Michigan
Detroit—Robinson Furniture Company
Grand Rapids—Wurzburg's
Lansing—J. W. Knapp Co.

Minnesota
Minneapolis—The Dayton's Downtown and Southdale
St. Paul—Schuneman's

Mississippi
Jackson—Kennington's

Missouri
Kansas City—Mehornay's
St. Louis—Stix, Baer & Fuller

Nebraska
Lincoln—Gold & Co.
Omaha—Orchard & Wilhelm

New Jersey
Hackensack—Huffman-Boyle, Inc.

New Mexico
Albuquerque—American Furniture Co.

New York
Albany—W. M. Whitney Co.
*New York—The Franklin Society Federal Savings & Loan Assn.
Poughkeepsie—Wallace's
Utica—Ribyat Furniture Co.

Pennsylvania
Philadelphia—Gimbel Brothers
Pittsburgh—Joseph Horne Co.

North Carolina
Charlotte—J. B. Ivey & Co.

South Carolina
Greenville—Mayfield's, Inc.

[*Turn to page 195*

Fingermarks wipe off this G-P Hardwood Paneling! The fine wood is furniture-finished, then given a transparent topcoat that makes it easy to keep lovely as new.

Even crayons can't mar this American Cherry paneling! The new finish looks like hand-rubbed wax, yet lipstick, alcohol, most common stains can't penetrate its tough topcoat.

Bathroom steam can't damage this finish! Protected on both face and back, new G-P paneling adds practical beauty to bath, powder, laundry rooms. Here in Greymist Ash.

Exclusive G-P "Clip-on" method* makes installation easy. Package includes furring strips, clips, random-width panels for a 12′ x 8′ wall. Or buy 4′x8′ panels for regular nailing.

Soil, stains, steam can't mar

new Georgia—

New invisible topcoat gives permanent protection to the fine-furniture glow of Georgia-Pacific Hardwood Paneling—gives you durable, easy-to-clean beauty for *every* room in your busy house! See what warmth and welcome G-P Honeytone Oak adds to this kitchen!

Nine handsome hardwoods to choose from: Adirondack Birch, Blond Cativo, American Cherry, American Black Walnut, Blond or Honeytone Oak, Flame Gum, Greymist Ash, Philippine Mahogany. See them at your dealer's. Prices as low as $35.00 for a 12′ x 8′ wall!

*Pat pending

GP

GEORGIA—PACIFIC
CORPORATION

Dept. BHG 558, Equitable Building, Portland, Oregon.
I enclose 10¢ for idea book, "New *Family-Proof* Paneling from Georgia-Pacific."

NAME_____
ADDRESS_____
CITY_____ ZONE____ STATE_____

☐ for new home ☐ for remodeling

What an ARCHITECT does for you

THE FIRST JOB of an architect is to understand what you have in mind for your home. You'll want to tell him all about yourselves so he can suggest ideas that will match your house to your hobbies, your children, and you. He can make a small house work well, and make any house look better.

If you are considering an older house, he examines it for structural soundness and plan convenience. He knows of the neighborhood values, potential worth, and schools.

If you're going to build a new house, but don't yet know where, he'll help you choose a suitable lot to fit the size and type of house you're planning, and your budget. If your lot's already chosen, he'll visit the property to determine the local conditions firsthand: orientation, grade, breeze, view, excavation conditions, and any special considerations.

Next, your architect will develop rough sketches showing the over-all character, the room sizes and arrangement. He will discuss these drawings with you—over and over again—to include all that's desired, omit all that's not necessary.

Now the final working drawings are prepared. They work for your builder like a dress pattern for your wife. All materials and equipment are described on these drawings and in the specifications which accompany them. There'll be no doubt about extras you thought were included, no misunderstandings about quality or quantity. Any changes you want to make along the way will be worked out to best advantage by your architect.

A group of builders (selected by you and the architect) bid on the plans and specifications. When all bids have been received, the architect helps you choose the builder who will give the most performance for the lowest price.

The architect then examines construction progress to see that the specifications and drawings are followed exactly. This assures that all the materials are of the quality specified, and are used as recommended. No short-cut building techniques, or "almost-as-good" materials are allowed. He also keeps records to see that the contractor is paid when due, not before. When the house is completed, all guarantees are filed to be sure you've got what you paid for.

HOW MUCH DOES THIS SERVICE COST? As in any other profession, charges will vary. The architect's fee is determined right at the start, though, and written into a contract signed by you and the architect. For consultation on special projects, or for constructive criticism of your existing plans, the fee usually depends on the time consumed.

For the design and construction supervision of a new home, there are three methods of payment: (1) a percentage of the total cost of the home, usually 7-10 percent; (2) an agreed-on fixed sum; or (3) a salary plus expenses.

For remodeling projects, fees are usually higher because much additional supervision and drawing time is required.

Will an architect save you money? Yes, but you won't have it left in your wallet. You'll have it in the increased value of your house, worth more now in family pleasure, more later in dollars if you decide to sell.

-Pacific family-proof paneling!

GRASS TO CUT? . . . IT'S EASY! . . .

Step Ahead WITH THE Best!

PINCOR POWER MOWERS

• Want the best tailored lawn in your neighborhood? – You can have it with a new 1958 Pincor, because Pincor's smooth, effortless cutting neatly trims lawns as close as ½ inch – with no scalping. They are ruggedly built, too, powered with new husky Pincor or Briggs & Stratton engines – in Rotary, Reel and Electric models.

Which type is best for You!
Ask your Pincor Dealer: Hardware, Garden Supply or Department Store Today!

PINCOR Products

Power Mowers • Electric Portable Power Tools • Gasoline Engines • Electric Generating Plants

Manufactured by PIONEER GEN-E-MOTOR CORP., Chicago 39, Illinois

The sprinklers you see on beautiful lawns

Sunbeam Rain King

SET DIAL 5 TO 50 FEET — TO SPRINKLE AUTOMATICALLY

Model K

So easy-to-use . . .
Gives deep soil saturation

A beautiful lawn must have adequate water. *You get it with this automatic Rain King.* Provides maximum water for the area set—500 gals. an hour on 30 lbs. pressure. Saves water—there's less overshooting. The maximum amount of water—*proper* type of spray—all with one easy finger-tip setting. *It's automatic.* Famous Sunbeam long-lasting quality gives years of satisfactory service. Only **$9.95**

Model S
Sprinkles rectangular areas—stainless steel and aluminum construction. **$14.95**

Model E
Revolving chrome-plated, brass arms and nozzles. Outstanding value and low price. **$4.95**

Famous Sunbeam ELECTRIC HEDGE TRIMMER

POWERFUL LIGHTWEIGHT WELL-BALANCED EASY-TO-HANDLE

A superior hedge trimmer—built and powered to last. Ends arm-aching drudgery. Answers all trimming needs—saves time, gives professional results. Lightweight, 4¼ lbs. Only **$49.50** Slightly more in West and Canada

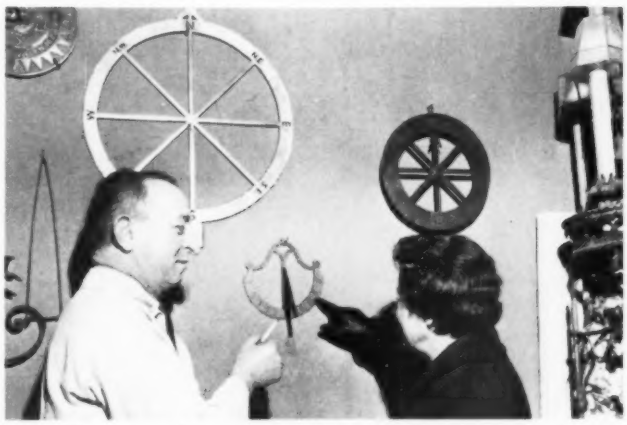
SPECIALLY DESIGNED COOL-RUNNING MOTOR RIGHT IN HANDLE

Look for the MARK OF QUALITY Sunbeam

Famous for MIXMASTER, SHAVEMASTER, etc.
Sunbeam Corporation, Dept. 11, Chicago 50, Ill.,
Canada, Toronto 18

Good garden sculpture is available

Continued from page 178



Two unusual items are a wall sundial and a compass indicator (right). Both of bronze. Sundial, eight inches, costs $15. The compass indicator, 12 inches, is $24.

Florentine Craftsmen, Inc., 479 First Avenue, New York, N.Y.

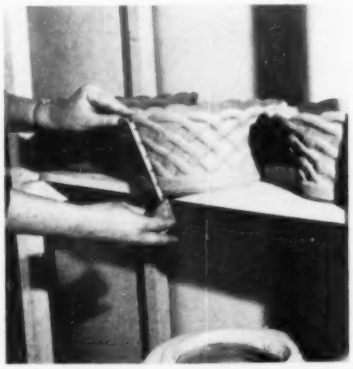
Shell-pattern birdbath comes in two sizes, 13x16x2, and 18x20x2½. Terra cotta. Large size $12, small $8. Packing and shipping extra.

Italian Terra Cotta Co., Inc., 1149 N. Mission Road, Los Angeles 33, California.

Strawberry jar can support flowers—sedums, lobelias, pinks—quite as well as fruiting strawberry vines.

Ten capacious pockets; 19 inches tall. Of genuine terra cotta. Priced at $20. Packing and shipping extra.

The Italian Terra Cotta Company, Inc.



Pots of basket design offer a pleasant change.

Openings measure 10, 12, and 14 inches. Made from terra cotta, the color is a soft, light rosy-brown.

The three sizes sell at $6, $7.50, and $9 each. Shipping charges extra. The Italian Terra Cotta Co., Inc.

Have you heard?

Latest Garden News®

By Dr. R. Milton Carleton

Iris borers can be stopped now

Pest is an accurate word for iris borers. They work unseen, for the most part, and complete their damage before there's much evidence they've been busy.

Fortunately, you can control the young borers easily. A DDT spray every 10 days from late April through May gives excellent control. Later in the season, when the borers have tunneled into the rhizomes, they are more difficult to destroy. Two new chemicals, Thimet and Trithion will do the job at this stage, but they are considered dangerous for the home gardener to use.

Instead, severely infested iris are best dug up and divided after flowering. Borers can then be out.

Groundcovers weeded chemically

Groundcovers are widely recommended for low-maintenance areas—as laborsavers. Unfortunately, groundcover plantings often become badly infested with weeds soon after planting. The choice has been either meticulous handwork or the permanent nuisance of weeds.

Now research workers at Michigan State University have found that most weeds could be eliminated from groundcover plantings with Alanap or Crag 1. These two chemicals are standard weed killers.

Groundcovers used in the Michigan tests included ajuga, euonymus, English ivy, pachysandra, and Japanese honeysuckle. Crag 1 was safe on all plants except ajuga, which was severely injured. Alanap was safe except on ajuga, pachysandra, and English ivy.

Feed more in wet years

Tests at Michigan State show that heavy rains leach nutrients from the leaves of all types of plants.

The amount of the loss depends on the type of plant, light intensity, and the age of the foliage. Mature leaves lose more nutrients than young ones.

In addition to loss of basic chemical nutrients, large amounts of sugar are leached out of the leaves by rain. This may account for the fact that fruits gathered in rainy weather sometimes lack flavor.

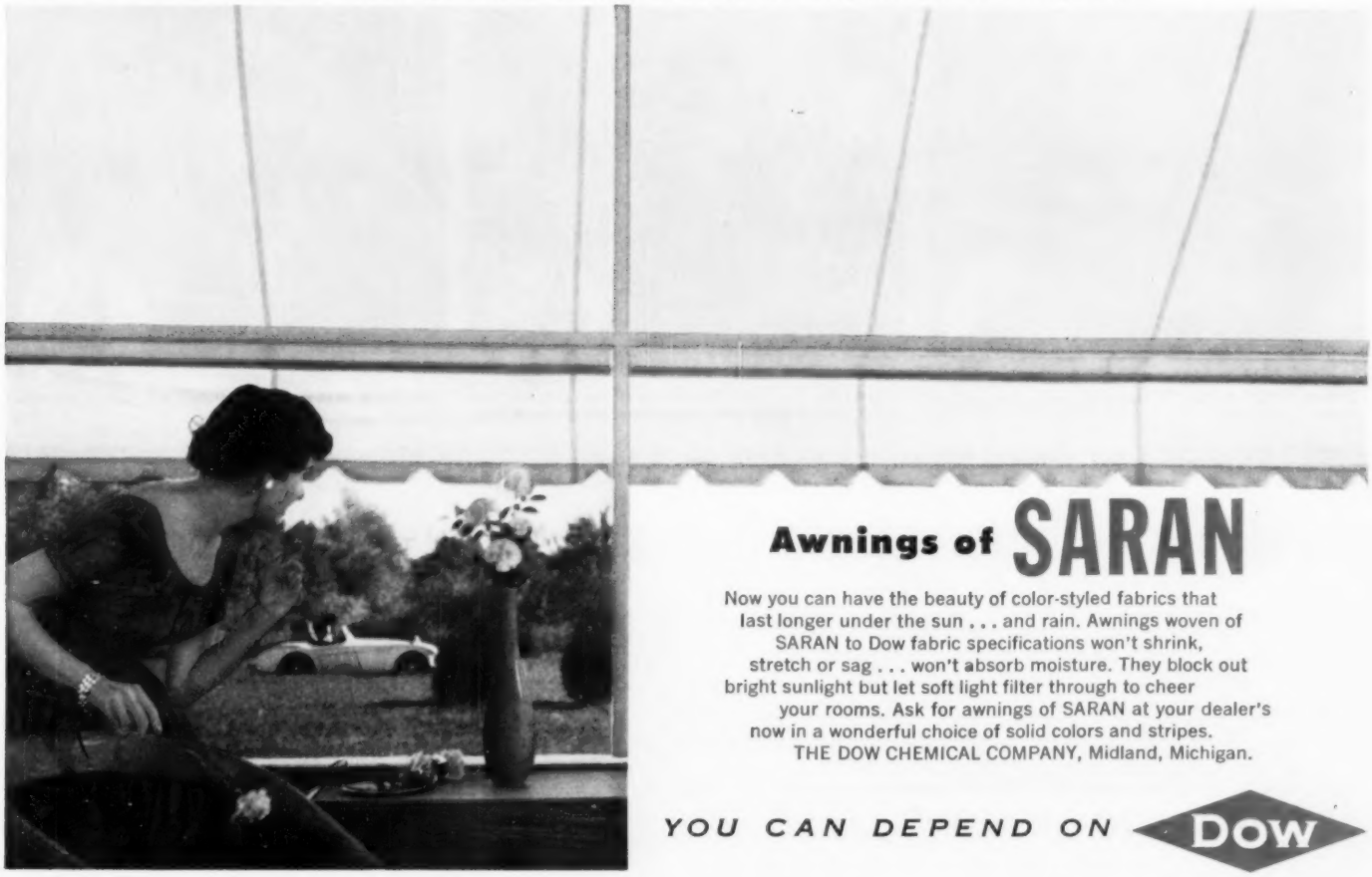
Gardeners striving for optimum growth of flowers, fruits, and vegetables should feed more often during wet growing seasons than in dry ones.

Want better tulips?

When your tulips and daffodil flowers fade this spring, don't cut off the old flower stems.

Just snap off the flower head. The stem serves as an extra leaf, producing additional food to the ripening bulb. If the flowers alone are snapped off, tulips and daffodils produce stronger bulbs and better flowers.

NEW! Woven awnings that are weather resistant and won't mildew

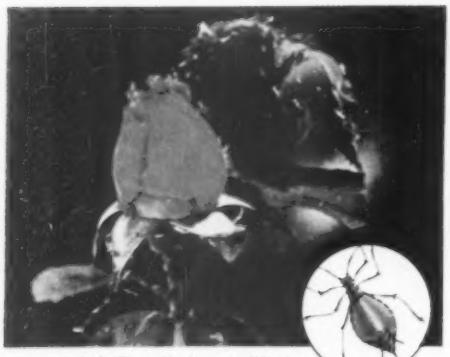


Awnings of SARAN

Now you can have the beauty of color-styled fabrics that last longer under the sun . . . and rain. Awnings woven of SARAN to Dow fabric specifications won't shrink, stretch or sag . . . won't absorb moisture. They block out bright sunlight but let soft light filter through to cheer your rooms. Ask for awnings of SARAN at your dealer's now in a wonderful choice of solid colors and stripes.
THE DOW CHEMICAL COMPANY, Midland, Michigan.

YOU CAN DEPEND ON DOW

Stop all this damage with only one insecticide... malathion



Aphid (Plant lice) – 14x life size

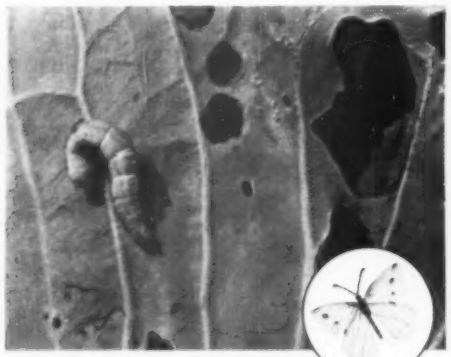
APHIDS (Plant lice) Attack just about everything; deform leaves, prevent buds from opening. Aphids deposit sticky honeydew. *Regular* malathion sprays or dusts keep lovely roses safe from aphids and other insects.

Birch Leaf Miner – 6x life size

LEAF MINERS Many miners damage tree and shrub foliage by tunneling between top and bottom leaf surfaces. Trouble is first recognized by discolored "track" or "blotch" in leaf. Malathion is deadly to hard-to-kill miners.

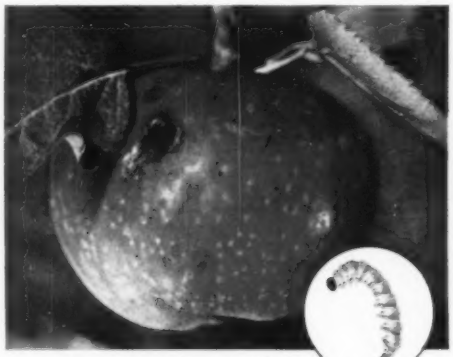
Mexican Bean Beetle – 2x life size

BEETLES Bean beetle eggs, attached under leaves, hatch into spiny larvae. Their feeding makes typical lacework of foliage. Other beetles attack practically all plants. Early and regular malathion applications *prevent* damage.



Cabbage looper – ¾ life size

WORMS Cabbage loopers and worms hatch from eggs laid by familiar white and yellowish butterflies. Leaves show voraciousness of loopers' appetite. Malathion protects against these and a host of other chewing insects.



Codling Moth – 1½x life size

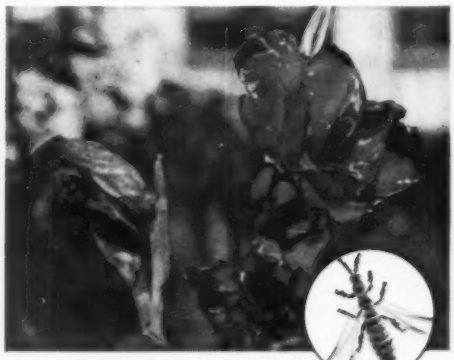
FRUIT WORMS Eggs laid by moth on fruits hatch into tunneling worms. Malathion protects fruits from worms, scales, aphids, mites, etc. Farmers use *thousands of tons* to grow the quality produce you select at market.

Fall Webworm – 1½x life size

WEBWORMS Eggs are laid by adult moths. They hatch into web-building worms which destroy leaves. Similar tent caterpillars spin webs in spring. Both disfigure shrubs and trees. Use malathion to kill bagworms, too.

Mealybug – 2½x life size

MEALYBUGS Live in colonies, attack many ornamentals. Suck plant juices under a cotton-like covering. Mealybugs are particularly hard to control—except with malathion. Solves practically *any* garden insect problem.



Gladiolus Thrips – 8x life size

THRIPS Tiny, hide between and whiten petals, deform blooms and leaves of gladioli, roses, shrubs, etc. Malathion used in any sprayer, duster, or hose attachment prevents damage. Protects *all* flowers from pests.

Red Spider Mite – 25x life size

SPIDER MITES Build up fast on fruits, evergreens, flowers, vegetables; cause leaves to brown, dwarfing plants. U.S. Dept. of Agriculture has cleared malathion for mites *and* aphids plus *105 other destructive pests.*

Outdoors-indoors... malathion solves your insect problems

NOTE: Over 100 famous manufacturers put the kill in their insecticides with malathion. They package malathion for you—under their own brand names—in bottles, dust guns, aerosols, and for hose attachments. Check label or list of ingredients for malathion.

FREE COLOR FOLDER American Cyanamid Co., Dept. PN, 30 Rockefeller Plaza, NYC.

How to keep a mower running efficiently

Establish a routine. Keep a screwdriver and wrench where mower is stored. Check nuts and bolts regularly—keep vibration to a minimum. If an unusual vibration develops that you are unable to stop, take mower to service-dealer.

Use a putty knife and whisk broom to clean off clippings after each mowing. Clean grime and dust off motor and air-cooling fins with old brush and kerosene.

Use clean gas and clean containers. Don't use stale gas or gas mixtures left over from previous season. When you start up a mower, let it warm up a minute before you mow.

Measure oil for 2-cycle fuel mixtures carefully. Shake the mixture thoroughly before filling tank. Use nondetergent oils, or oils made particularly for 2-cycle fuel mixtures. Use oil weight specified by manufacturer.

Keep the blades sharp. Sharp blades need less power, lengthen engine life, and do a better job of cutting the lawn.

Check rotary blades for balance each time you sharpen them. If out of balance, blades will cause excessive vibration which will damage the motor or drive shaft.

Inexpensive balancing cones are now available. They remove the guesswork.

Lubricate mower regularly—but only at the points recommended by manufacturer's manual. Critical points vary with models. Unnecessary oil traps dust, means more cleaning.

If chains are stiff from dirt, clean with kerosene. Use graphite to lubricate rollers and other exposed friction points.

Check transmission and crankcase oil often. Drain and replace after 20 hours' operation.

Check air filters regularly. Clean 2-cycle filters by removing the "wool" and swishing it in kerosene or in the oil-gas mixture.

Change oil in 4-cycle air cleaners after every 15 hours of normal operation, more often under dusty operating conditions.

Refer to your mower manual when mower fails to operate normally. Don't dismantle a mower without a manual for guidance.

PUSH OUT

Cut along dotted lines

Keep your power mower purring

The modern power mower is a miracle of engineering. It may develop as much horsepower per pound as your automobile. It's certainly no toy. It's compounded of steel, aluminum, rubber, cork, and copper that's been stamped, welded, cut, and machined to meet precise tolerances.

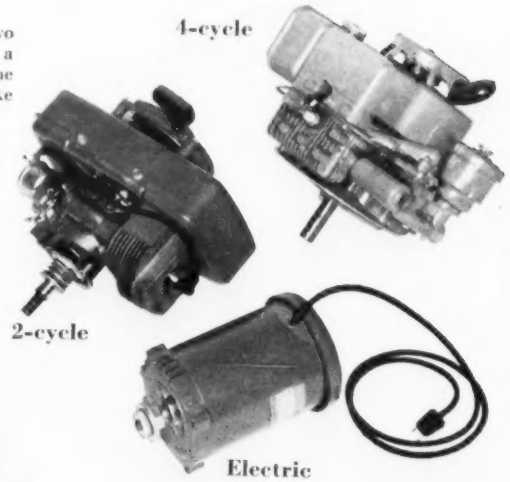
Close tolerances and precise engineering are necessary to ensure smooth operation. Without these, power mowers would soon shake themselves apart.

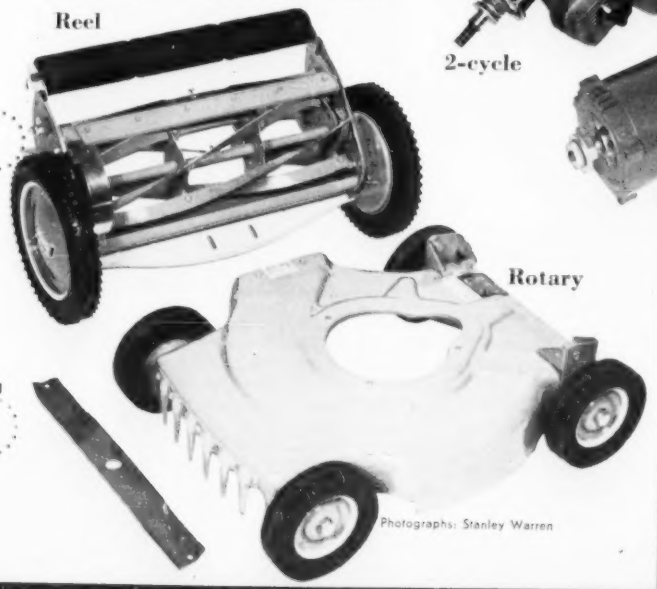
The purpose of a mower maintenance program is to keep the machine as close to its original condition as practical.

The pictures below show the two basic cutting mechanisms used in power mowers, along with the three basic power units. The following pages discuss their care.

Power units: Gasoline engines are of two types, 2-cycle and 4-cycle. The 2-cycle burns a gas-oil mixture, the 4-cycle burns gasoline only. Electric motors run more quietly, take less maintenance, but are limited by cord.

Cutting units: Reel is sort of a mechanized shear—it cuts with a scissor action. The rotary is a powered grass whip—cutting action depends on speed. Both types may use any power unit shown.





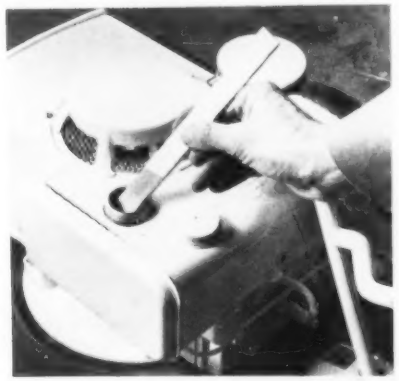
Photographs: Stanley Warren

PUSH OUT

Add these pages to your GARDEN BOOK

File with Maintenance

What to do when the motor stops



Check to see that there's gas in the tank. If mower has been running smoothly, then sputters to a stop, it's probably out of gas.

When gas evaporates, it deposits a varnish-like gum which may clog fuel lines and carburetor. So each time you finish mowing, fill tank up to prevent unnecessary evaporation.

Use regular gas only, never premium. If mower has a 2-cycle engine, agitate the fuel mixture before filling the tank.

If mower still doesn't start, remove spark plug and check to see if it is fouled, like the plug on the left. Remove fouling with a knife blade, and clean porcelain same time.

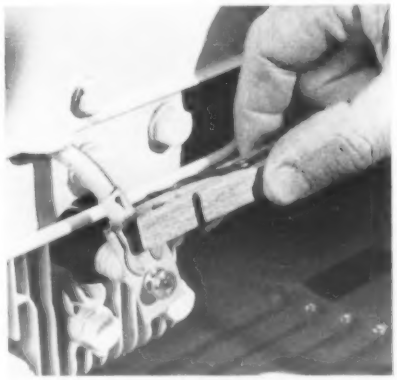
Fouling is more common on 2-cycle engines than on 4-cyles. It's usually caused by an improper fuel mixture. Too much oil in the mixture causes a black, greasy fouling.

Too little oil causes a whiter, chalky fouling. Don't sandblast plugs.

If mower still doesn't start, check air intake. When air filter is dirty, engine won't operate efficiently. Exhaust is likely to be dark and cloudy. Clean thoroughly.

Two-cycle engines stop if exhaust port is clogged with carbon. Ports are usually under housing. Remove carbon with dull knife.

Before replacing muffler, turn mower right side up and crank engine a few times to blow loose carbon from cylinder.



If preceding steps fail to locate trouble, remove magneto wire from spark plug. Place a strip of cardboard in its place. Fasten wire to cardboard with clothespin so tip is 3/16 inch from plug. Crank the engine.

Spark should jump from wire to plug. If spark is present, remove gas lines and blow clear. If spark isn't present, magneto is probably at fault. Have machine checked by your local service dealer.

Suggestions for operating a power mower safely

The power mowers being produced today are designed and engineered for carefree mowing. But they are not designed for careless mowing.

The blades are designed to cut grass, but they'll cut anything else that gets in their way. The manufacturers can provide you with a good machine, but you have to be your own traffic cop.

One of the first steps toward sane mowing is an occasional raking. Stones, wire, even small twigs become dangerous when hit by a whirling blade.

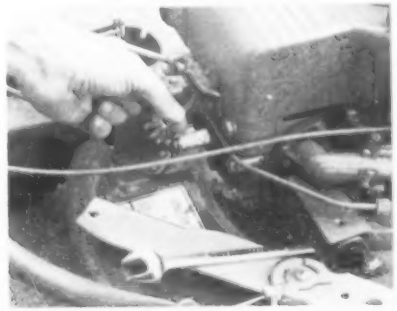
Such debris damages the cutting edges of both reel and rotary mowers. It may ruin the drive shaft of a rotary. Even more serious, debris is often thrown clear of the housing with great force.

Raking the lawn is particularly useful at the first of the mowing season. Raking at this time gives you a systematic check of the condition of the lawn, as well as a chance to collect tools and toys that have been missing since the previous year.

Mowing when children are around? Then be particularly careful. Children make improbable accidents possible.

Start safely. Stand firmly. Pick a level spot. If mower is self-propelled, see that the clutch is disengaged before you crank up. Read the operator's manual all the way through before you mow with a new machine.

Always cut off engine before filling the gas tank and whenever you leave the mower for any reason. Don't stand in front of any mower when the engine is running, nor on the side where the clippings are thrown out.



Always disconnect spark plug when you work under housing, whether you are changing or sharpening blades or just removing clippings. If engine is hot, don't even turn mower on its side until plug is disconnected.

New "Eveready" Garden Products BLAST Every Pest on this Page!

11 new topflight garden products keep your home grounds healthy, beautiful!

Why are these new "Eveready" Garden Products so amazingly effective? Because each and every one is like a plant doctor's prescription, made up of not one, but a *combination* of powerful chemicals – a combination formulated to give best all-round protection against insects, diseases or weeds.

NOW you know what, how, when and where to dust or spray for best results. Easy directions clearly printed on every package!

NOW you're sure of getting the latest in pest control—scientifically measured, mixed, packaged and ready to use!

NOW you're sure of top quality. Each "Eveready" Garden Product is backed by *two* famous brand names, "Eveready" and "Union Carbide."

NOW everything you need to control insects, plant diseases, weeds, crab grass all in ONE COMPLETE LINE with the famous brand name, "Eveready"!

Whether you're a sprayer or a duster . . . clearly labeled packages make it easy to choose the "Eveready" Garden Product you need to solve your pest-control problems!

See them at your dealer's today!

Rose Dust — Rose Spray
Floral Dust — Vegetable Dust
Fruit Tree Spray — Tomato Dust
Kills All Total Weed Killer
Multipurpose Garden Spray
Home and Garden Insect Killer
6% Chlordane Ant Killer
72% Chlordane Concentrate
Crab Grass Preventive

UNION CARBIDE

Save this pest chart for your garden scrapbook.

The terms "Eveready" and "Union Carbide" are registered trade-marks of Union Carbide Corporation

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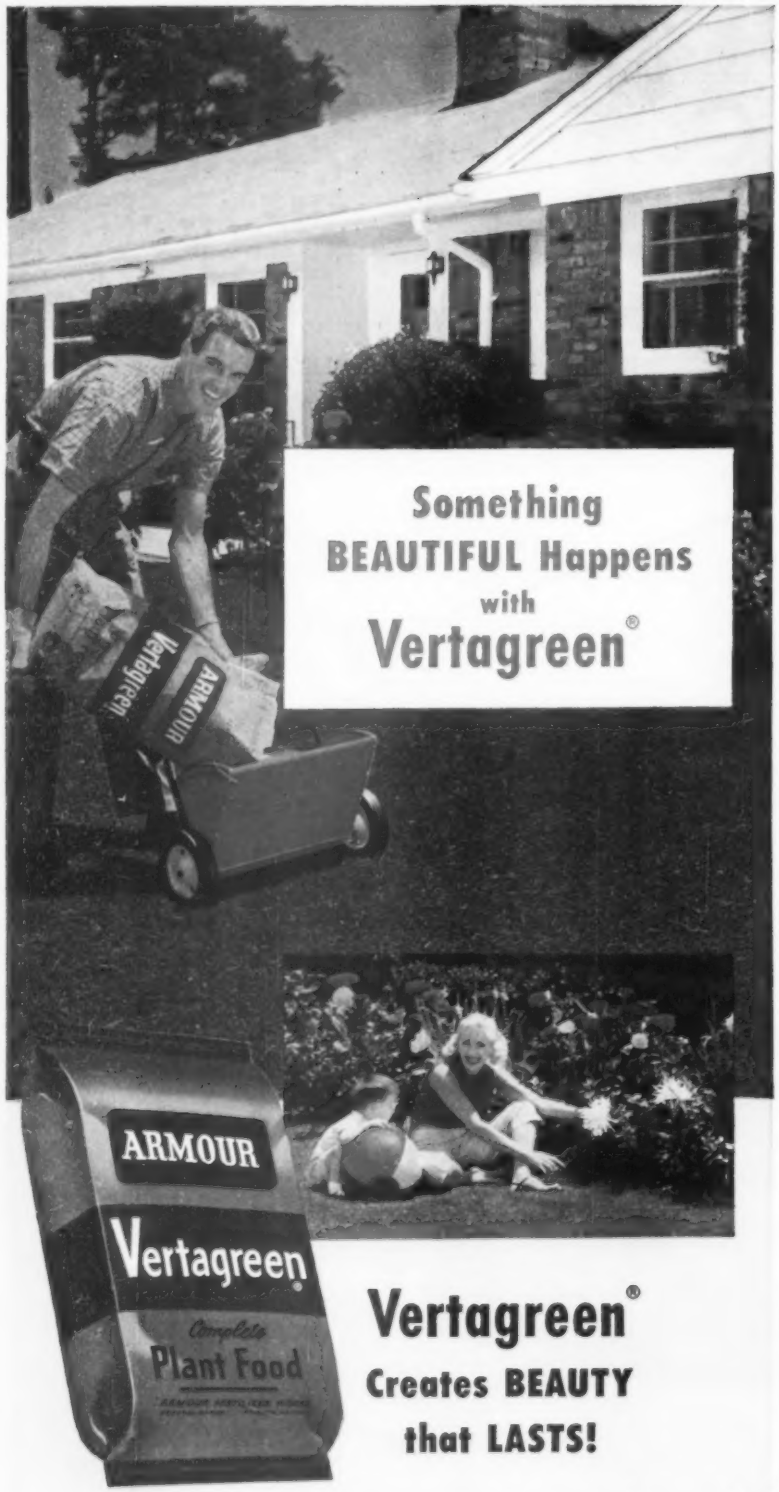


Vertagreen®
Creates BEAUTY that LASTS!

Put Vertagreen on your lawn, around trees and shrubbery . . . *and watch something beautiful happen!* Vertagreen—the complete plant food—develops lovelier textured foliage and helps build a thicker, greener, more beautiful lawn. It stimulates healthier growth . . . strengthens plants and grass from the roots up!

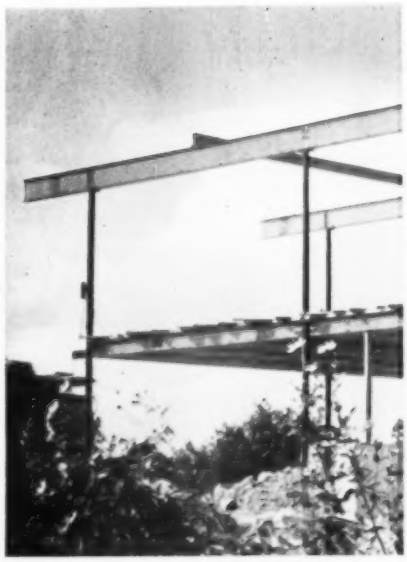
Vertagreen starts feeding immediately, and nourishes uniformly for a long, long time. Vertagreen is made in analyses especially recommended for your area by lawn and garden authorities. Apply it now. Cost is small. *Results are beautiful.*

Vertagreen Rose Food

Armour also makes Vertagreen Rose Food and other plant foods for home and garden use.

Vertagreen IS A PRODUCT OF **ARMOUR**

It doubles the space,



Construction was based on simple, square framework of steel. Thin but sturdy I-beams rest atop slender columns, extend to support wide overhang.

Frame was erected quickly, then roofed over. Remainder of construction work was protected from weather. Note big, open rectangles at left where finished panels will be fitted.

Since steel frame carries load, interior (nonload-bearing) walls could be arranged as desired.

house—with up-to-date planning and construction methods—fitted their needs.

To tell you *why* this house was so successful, we went to its designers, The Architects Collaborative, of nearby Cambridge. Here's what they had to say about it:

"Different families have different needs. Houses can be designed to reflect those individual needs—and *because* of them become more expressive and delightful.

"Some sections of the house flow together. The living and dining rooms form an interrelated area, as do the kitchen and family room. The two-story stairwell and open detailing of the stair create a spacious effect while joining the two levels.

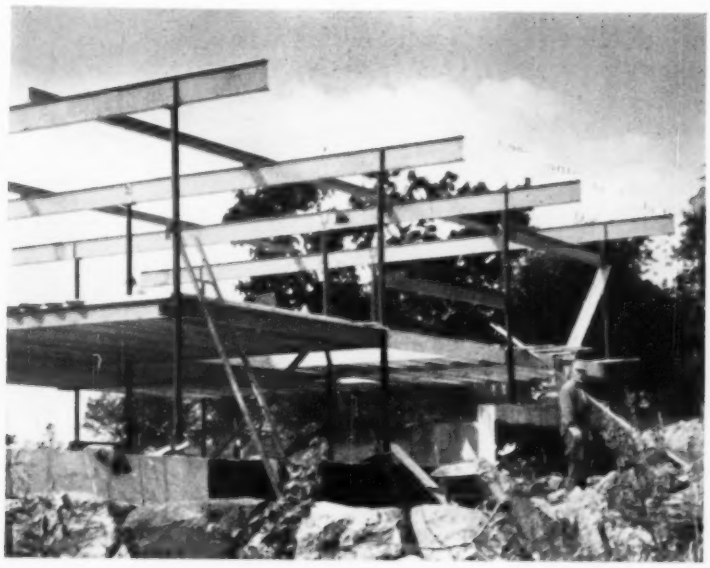
"Upstairs, the Groissers wanted separation of the rooms—except for the two children's bedrooms, which are joined by a sliding partition. The master bedroom is a self-sufficient unit, with bath, dressing alcove, and built-in desk. At the opposite end of the hall is an attic-size storage space that can become two more bedrooms and bath!

"Some unusual structural ideas lent themselves well to this house. A steel frame was erected on 12-

Kitchen has smart-looking, stepsaving "U" shape. Cooking equipment's at this end, storage opposite (just off picture). Hanging cabinet between kitchen and informal eating room visually divides two areas—but doesn't seal them off. Cabinet has unusual eye-level cooking controls. Extra wiring puts buttons beyond a child's reach.

but not the cost

Begins on page 62



foot centers; the exterior walls—in prebuilt panels—were quickly installed. The widely spaced columns, covered by wood trim, add a dignity and order to the house. With simple, sound construction to start with, both architect and owner were enthusiastic in working out the interior and exterior details."

These details, we might add, are good enough in themselves to make this house outstanding. The entrance door—opening on a landing midway between the two levels—skillfully joins upstairs and down, indoors and out. (Its canopy repeats, emphasizes strong horizontal line of roof.)

And when you add plenty of living space, this house is hard to beat. Over-all size is just 42x27 feet—but the two levels enclose 2,268 square feet (including 312 feet of unfinished upstairs bedrooms).

How to get plans, page 196

Fluted glass panels light entry area, stairwell, and part of each level. They give impressive, enlarged appearance to this small, landing-type entry hall. Sturdy iron railings on both sides increase stair safety. Traffic flows as in split-level—up to bedrooms, down to living area.

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See Yellow Pages for nearest LAWN-BOY dealer. Or call Western Union by number and ask for Operator 25.

LAWN-BOY LOAFER—with drawbar for pulling chores.

The diary of a

Plain dirt gardener®

By Harry R. O'Brien

May 1 Once again I was singing, "Oh, what a wonderful May morning." There is bloom everywhere—lilacs, fragrant viburnum, another viburnum with white bloom, and Halesia or giant silverbell. Other plants showing, too.

Narcissus about gone. Tulips are coming out, though not so good this year. All sorts of perennials and spring flowers popping open.

May 2 Back to winter again today. I had to wear a coat as breezes blew chill from the north. First chore though was to cultivate the early vegetable bed. The big idea is to get the weeds while they are small. Carried on at further weeding of roses. By quitting time from afternoon labors, thermometer down to 50. So, put sash back on my coldframe.

May 3 Winter, in spite of bright sun. Thermometer down to 35. Had it not been for wind, there would have been a frost this morning. Even Scratch, the family dog, knew it was cold. He brought the morning paper up to the front door in a hurry. He wanted indoors.

May 5 Oh dear, thermometer down below freezing last night—about 30. I didn't see any frost. Can't tell yet how much damage was done.

As I was busy digging weeds out of the back rose bed, along came David with the power mower. Bless my soul if he didn't mow all the grass, front, back, and garden paths. I think he sorta gets a kick out of mowing.

May 6 It was a terrible sight I saw out the window this bright morning. The ground was all white with frost. Thermometer down below freezing.

May 8 By now, it is evident that a lot of the more tender leaves and shoots on a good many of my rose bushes have been damaged by those freezes and frosts. Some are killed nearly to the ground. Word is that a good many rose gardeners around have had much more damage than I have. All bushes will recover, but the first bloom wave will be late to arrive.

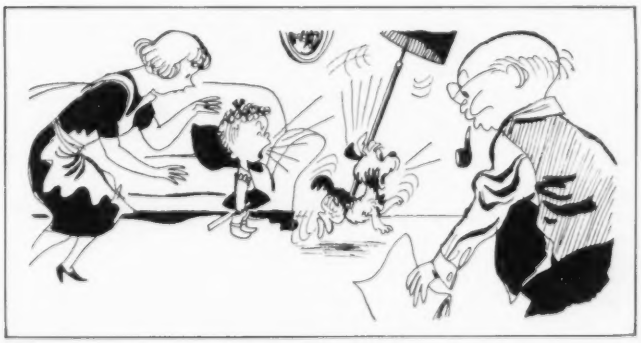
May 11 Today's chore was to take my mum clumps out of the end of the frame, where they had been heeled in on top of the soil over winter. I spaded up this end of the bed. Worked in some more peat.

Then I divided my old mum clumps into single shoots, each with some roots. These I set back into the coldframe, in rows, about four inches apart each way. They will grow into thrifty plants, for setting out in the garden bed.

May 14 Our house guest today is Miss Nancy Eileen, mebbe 15 months old. Donald brought her over to visit Granddad and Grandmother. As he was carrying her up the back walk, it began to pour.

Two inches of rain fell, so no

[*Turn to next page*



Nancy reached down and jabbed Scratch. Surprised, he jumped away and yelped. This scared Nancy—she began to howl. In came Maggie, running.

DOT shows DANNY HOW TO CARE FOR ROSES

Most effective formula ever developed to protect your roses from every known rose insect and fungus disease*. Simply dust with a light, uniform coating. Protected plants look clean. End-o-Pest Rose Dust . . . available in handy 10-oz. dust guns, refills, and in 20-oz. canisters.

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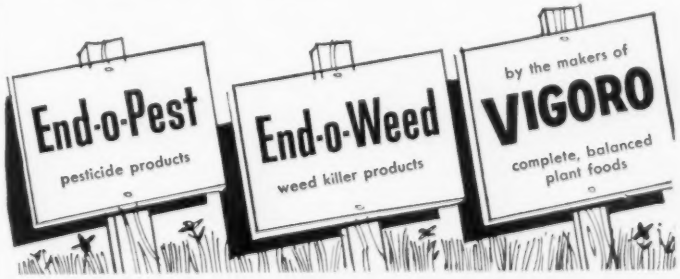

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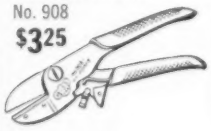

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The diary of a plain dirt gardener

Begins on preceding page

outdoor work. Toward supper, Maggie put me to tending Nancy. Once, she got loose from me and toddled across the living room.

She got to where old Scratch was snoozing on the rug. She reached down and jabbed him. Scratch, surprised, jumped away and yelped. This scared Nancy and she began to howl. In came Maggie, running, and she had quite a lot of words to say to me. Poor Scratch was exiled to the basement. He isn't used to little tots.

May 15 When I put plant food on the lawn about the first of March, I ran out and two little spots didn't get any. Today I took care of this.

May 16 When I climbed out of my trundle bed this early morn, I shivered and shook. Gosh, it was cold. Down to 45. Had to turn on the automatic furnace.

But anyhow, we are now dining on radishes, rhubarb, and asparagus, right out of our own garden.

May 17 As daylight came, I looked out the window and saw a big patch of yellow back at the bottom of the garden. It was the first daylily in bloom. I can tell from where it is that it is good old Earliana. There are some iris out, too. I saw them yesterday.

May 20 A box of new mums came in the mail, but soil is too wet to put them out, so I just left them in the box in the garage.

May 22 Last night, another terrific rain. All outdoors is sopping wet. End of west rose bed is standing in several inches of water. I had to wade through a swamp to

Weeds are gaining in the bed of hardy annuals. So down on knees, I began to work here in earnest.

get over to the coldframe. And in the mail was another box of new mums. Something had to be done.

I went to the front rose bed, which is well drained and has that grass clipping mulch. Unwrapped all my new mums. With trowel, dug holes in mud and stuck in those mums. They were rooted cuttings. As soon as I can, I'll

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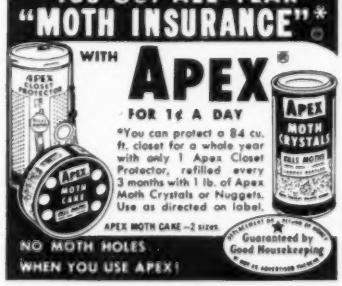

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move them from here, into the new bed for mums I'm to have.

May 23 Maggie was honored today. The good soul was given a corsage at the anniversary luncheon of her local women's club, as being one of the founders. Other founders were given dittos.

"Here's another present for you," says I, as I came walking into the living room toward suppertime. In my hand I had a slender little vase. In the vase was a rose.

It was the first bloom of the year from the rose beds, not counting some of the shrub roses. It was old Talisman, and a poor bloom at that. But it was a rose.

May 24 Weeds are gaining in the bed of hardy annuals. So down on knees, began to work here in earnest to rescue the perishing. With fingers to pull, trowel to dig, and little hoe with 12-inch handle to scrape, I worked away.

May 31 Set out in the family chariot on a business trip and Maggie went along for the buggy ride. Before I left, I hurried out and dusted my roses.

Note: Annual meeting of American Hemerocallis Society will be held at Houston, Texas, May 15-17.

Annual meeting of American Rose Society will be held at Kansas City, Mo., May 29-31.

Home planning helps

Begins on page 182

Texas

Austin—Calcasieu's
Dallas—Sanger Brothers
El Paso—American Furniture Co.
Houston—Foley's
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Utah

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Spokane—The Crescent

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Madison—Black Furniture Company

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Toronto—The T. Eaton Co., Ltd. (College St.)

Quebec

Montreal—The T. Eaton Co., Ltd.

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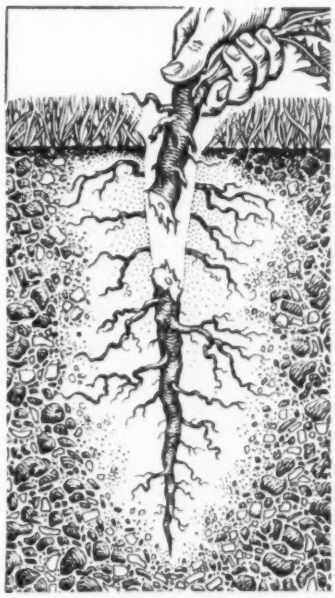
*Offer advice on home planning and financing; do not offer help with decorating or furnishing.

Here's what happens when you PULL weeds

You don't get the whole weed—because you don't get *all* the roots! You may hope you do, but tiny roots always remain to grow again. So you've got the job to do over—and sooner than you think. Yanking weeds is just not *effective*—not thorough, not lasting.



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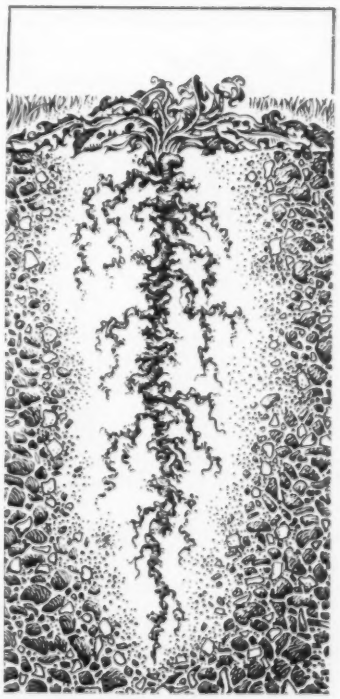

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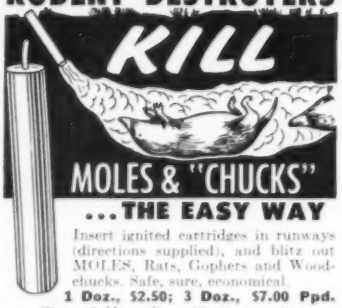

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Decorating ideas from Scandinavia

(*See page 58*)

Scandinavian Design Cavalcade is an annual September event. There are model rooms, exhibits of new furniture, textiles, tableware. If you'd like a complete list of dates and events in all four countries, write to Scandinavian Travel Commission, Box B, 630 Fifth Avenue, New York, New York.

Page 58
Wall hanging by Cock Clausen, Copenhagen, Denmark

Page 59
Budget room from Oslo designed by Trine-Lise and Sven Dysthe

Page 60
Coffee grouping from Fretheim Hotel, Flam, Norway

Page 61
Table setting adapted from Den Permanente, Copenhagen

It doubles the space, but not the cost

Continued from page 191

How to get plans

Five Star Home 2805, which you have just seen, is one of a monthly series for which you can buy complete plans with following features:

★ **Designs by America's foremost architects,** ranging in style from Cape Cod to Contemporary. And all are planned to give you the maximum in comfort, convenience, beauty, and *value* for your dollar.

★ **Detailed working drawings,** from which your builder will erect your home, are complete in every way. The cost is *$7.50 per set*, and includes . . .

★ **Complete specifications** that outline quality of materials and workmanship that will assure sound construction; and . . .

★ **Builder-owner agreement,** a suggested legal contract to ensure home is built as specified.

★ **Cost-finding list of materials.** (List is available at *25 cents* purchased separately.) With this materials list, your builder or building-materials dealer can compute in advance the approximate cost of your home.

These Five Star home plans may be ordered from the firms listed on page 182. In many localities, you can order these plans through your building-materials dealer. Or, you can buy them direct from *Better Homes & Gardens*, 1714 Locust Street, Des Moines 3, Iowa.

Order pamphlet showing 20 popular Five Star plans. Send 10 cents to Pamphlet 5SP, 8905 Meredith Bldg., Des Moines 3, Iowa.

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May, 1958

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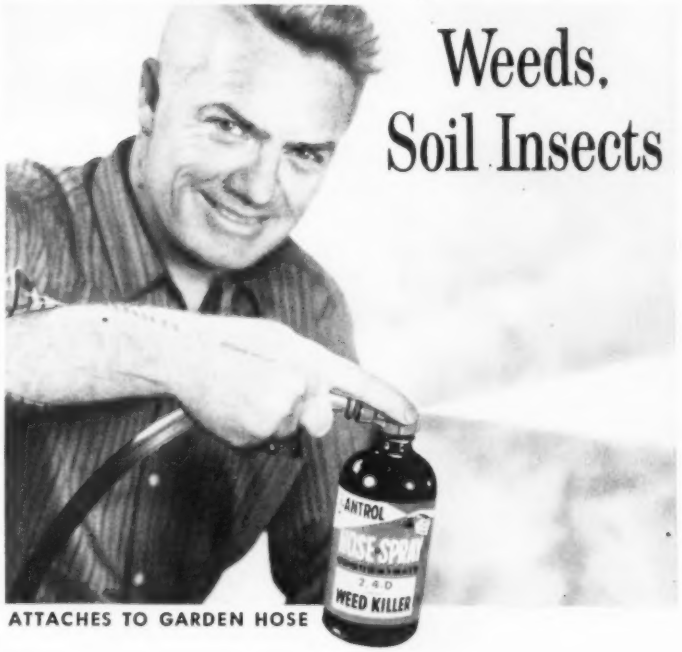
NEW! Pre-mixed, Foolproof Hose-Sprays...to get rid of Weeds, Soil Insects



ATTACHES TO GARDEN HOSE

No expensive sprayer to buy—no measuring, mixing, or muss! Ready-to-use concentrates, each with own "spray cap"!

Now it's easier than ever to kill weeds and soil insects . . . crabgrass and garden insects. There's nothing to mix or measure with Antrol Hose Sprays. Each accurate formula comes in a separate bottle with own spray cap. It attaches directly to your hose and your hands never touch the pre-mixed solution.

Easy fingertip control lets you aim at trouble spots without waste . . . concentrate can't clog or back up in hose. Thrifty refill quarts available, too.

Weeds Antrol's 2, 4-D Amine concentrate kills broad-leaf weeds—including dandelions, plantain. Won't harm lawn grasses—safer around shrubs, flowers. No more contamination of other sprayers. Covers 2,000 sq. ft. *Only* $1.69

Soil Insects Chlordane Soil Insect Killer lasts months. Kills ants, lawn moths, chiggers, Jap beetle, other grubs, termites. Covers up to 16,000 sq. ft. *Only* $2.98

Crabgrass Killer with DMA—new, sure way to kill crabgrass, chickweed, others. Won't harm good grass like Kentucky and Merion Bluegrass, Fescue, Bent, etc. *Only* $2.69

Garden Insect Killer. Malathion-Methoxychlor Formula kills fast, gives long-lasting protection. *Only* $2.39

Stop Dog Damage with Ridz Dog Repellent. Easy push-button spray keeps dogs away from trees, shrubs, evergreens . . . tires, fences, trash cans. Long-lasting protection—won't harm plants. $1.49

Antrol Hose-Sprays

Available Where Garden Supplies Are Sold

Kemiko Permanent Concrete Stains brighten many a dull yard! Brush on Kemiko Stains, watch concrete patios, walls, walks or courts go smartly modern. Cover area approx. 10 by 15 feet for only $6.75. Color lasts as long as the concrete surface. Send for **New Free Booklet,** color chart, designing tips. Rohloff & Company, Dept. BHG-1 918 North Western Avenue, Hollywood 29, California.

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LOOK IN WHITE PAGES OF YOUR TELEPHONE DIRECTORY FOR PROMPT SERVICE

THE APPROVED ORIGINAL $14.95 PPD.

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ALSTO COMPANY
Dept. BH-5, 4007 Detroit Ave. Cleveland 13, Ohio

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ARM CHAIR, 23½" Wide	17.95	21.95
SETTEE, 39" Long	24.95	29.95
2 ARM CHAIRS & SETTEE	54.50	66.50
TREE BENCH, Trees to 18" Dia.	44.95	54.95

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Furniture Protected With Heavy Coat White Enamel
THE HEARTH SHOPPE, P.O. Box 3181
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Kitchen committees, social and recreational groups, you will be interested in this modern Folding Banquet Table. America's greatest line.

Factory prices and discounts to churches, schools, clubs, etc. Write for Catalog of Tables, Chairs, Trucks.
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Your name (or any other wording you want, up to 17 letters and numbers) appears on both sides of your DAY-n-NIGHT Mailbox Marker, in permanent raised letters that shine bright at night! Fits any mailbox—easy to install in a minute. Rustproof—made of aluminum; baked enamel finish, black background, white letters. Your Marker shipped within 48 hours. Satisfaction guaranteed or money back. Only $1.95 postpaid from Spear Engineering Company, 850 Spear Bldg., Colorado Springs, Colo.

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FREE Mink Bracelet with Remodel
We specialize in remodeling and converting fashioning, redyeing which includes New lining, interlining and Free Monogramming. Mail your old fur coat to us now. Include your dress size and height. Pay postman $22.95 plus postage upon completion. Three week delivery. All work guaranteed. You'll be delighted with the finished product.
LLOYD'S FUR STUDIOS Inc.
276 Trumbull St., Dept. BH-23, Hartford, Conn.

PUMP WATER DRY—SAVE MONEY SUCT-DRI

Only **$2.75 ppd.**
Without electricity or moving parts this suction drainer pumps 300 gallons of water per hour from flooded cellars, ponds, trenches, ditches, washing machines. Just attach with garden hose (many screw-type faucet, attach another section of hose to the discharge end, turn on the water and it goes to work.
MEDFORD PROD., Box 39, Bethpage, N. Y., Dept. BHS

Enter the
"How's your home?"
Contest

$125,000 in PRIZES

1st Prize *$25,000*
2nd Prize *10,000*
3rd Prize *3,000*

1000 other cash awards totaling $87,000! Pick up an Official Contest Guide at any store displaying the Home Improvement Council seal.

The seal identifies a participating member of Home Improvement Council. This is a permanent, nationwide, nonprofit organization composed of leading manufacturers and dealers of home improvement products and services; also contractors, builders, and lending institutions—a group dedicated to making America a better place to live.

Look for the Council's seal when you shop. Firms displaying it are eager to assist you with your home improvement projects.

NOW! not $22.95 but **$19.95** remodels old Fur Coat into new Cape or Stole

Never before so low! Just $19.95 (tax-free) transforms your old outmoded fur coat to glamorous cape or stole. Our experts use only best parts, completely re-style, re-glaze, vitalize, add new lining. Just mail your old fur coat to us, giving Dress Size and Height. Guaranteed craftsmanship. 3 week delivery. Pay mailman only $19.95 & postage. You'll be amazed—and save, too! FREE folder of other capes and stoles all $19.95. (Offer expires 5-31-58.)

TOWNE FURS, Dept. B-1, 58 W. Main St., Patchogue, N.Y.

Shopping by Mail

with Better Homes & Gardens

A gay centerpiece can be made with these pastel glitter-birds with gold wings. Fasten 'em on an interesting branch or put one at each plate. Set of 12 has yellow, blue, pink, and green; $1.25, ppd.

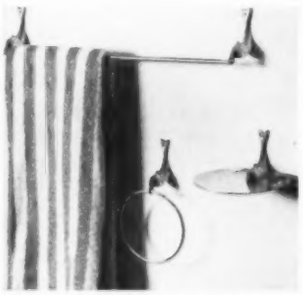
Q-T Novelty Co., Inc., P. O. Box 54, New York 16, N.Y.

Caddy for Daddy to use when he puts charcoal in barbecue grill. Handy, it keeps hands clean, too. It holds 10 lbs. for storing or pouring. Sturdy steel in a black finish, caddy is $3.98, ppd.

Bostrom's, The Uptown Plaza, Phoenix, Ariz.

Pocket-size butane blowtorch is a handy tool. It delivers intense 3500-degree pinpoint flame. Charger lasts ½ hour, turns on, off. Jet King with one charger, $1.95, ppd. Two refills, 49c, ppd.

Nob Hill House, Box 1592, San Francisco 1, Calif.



Give a new look to your bathroom in a jiffy. Just add bright brass towel bar, soap dish, towel ring with cute dolphin trim. Soap dish plus towel ring, $2.25, ppd.; 19-inch towel bar, $3.20, ppd.

Foster House, 430 S. Jefferson St., Peoria, Ill.

Here's a shower idea that will label you a smart hostess. Bride or Stork bingo uses words referring to big events instead of numbers. Sixteen can play. Bride or Stork Bingo each costs $1.25, ppd.

Eberhardt's Gift Nook, 8035 Lincoln Ave., Skokie, Ill.

For night fishing—here's a float that lights up if you get a bite. In watertight plastic case is small, replaceable flashlight. Big help when you're working several lines. Magic Float, $2, ppd.

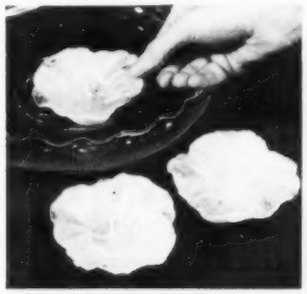
P. J. Friday Co., 108 West Second St., Ottumwa, Iowa.

Files 225 records. Record rack stores all sizes, 12-, 10-, and 7-inch—in jackets, albums, or out of jackets. Twelve compartments have brass title-card plates. Rack is 24x11½x31 inches high. In handcrafted knotty pine with maple or honeytone pine finish, it's $17.85 complete, express charges collect; easy assemble-it kit, $10.85, ppd.

Yield House, Dept BG, North Conway, N. H.

Emergency help for sportsmen—a combination compass, match case, and whistle that can be heard a long way. Compass has luminous dial with heavily charged magnetic needle. Match case is large enough to hold a small candle; $2.27, ppd.

L. L. Bean Inc., Freeport, Me.



Flower candles cast enchanting spell as centerpiece for bridal parties or any occasion. Scented, they are white and silver. Why not float in a punch bowl? They don't taste or drip. Three, $1.50, ppd.

Joan Cook, Centerport 8, Long Island, N.Y.

Small-fry version of Scrabble makes six- to nine-year-olds feel grown up. They start on ABC's and soon graduate to making real words. It has words, pictures. Scrabble for Junior, $2, ppd.

F.A.O. Schwarz, 745 Fifth Ave., New York 22, N.Y.

Encourages saving to make home-improvement dreams come true. A quarter a day keeps calendar up to date. Plain or with "For Our Home" in gold, date-amount bank, $2; three for $5.75, ppd.

Leecraft, Dept. BHH, 300 Albany Ave., Brooklyn 13, N.Y.

For folks on the go this summer here's a pocket writing kit to slip in purse or luggage. Has 24 sheets of stationery, ballpoint pen. Cover is leatherlike plastic in green, red, or tan. Kit is $1.25, ppd.

Purse Mates, Post Office Box 211, Cedarhurst, N.Y.

Slick trick you can do with these insulated glasses—insert swatches of your drapery or wallpaper between inner and outer shell. Set of six gold-flecked, clear-plastic glasses with stirrers, $6.70, ppd.

Game Room, 1538 Connecticut Ave., N. W., Washington, D. C.

108 SQUARE FEET OF PLASTIC, $1

You'll find hundreds of uses for this big 9 x 12 foot plastic translucent cloth. Cut and stitch into aprons, tablecloths and appliance covers. Cut it into small pieces to cover lawnmower, bicycle, baby carriage. Protect inside or outside furniture, auto, rugs, car upholstery. For picnic or beach spread. Use as cover-up when painting. Waterproof, greaseproof. All in one piece—no seams! *Guaranteed or money back!* Tremendous value! Only $1, postage paid. Order several COVER-UPS from **Sunset House, 2293 Sunset Building, Los Angeles 16, California.**

New WALK-IN PICNIC TABLES

★WROUGHT IRON and REDWOOD
★FULL SIZE 5 FT. LONG
PATENT PENDING
Free Catalog!
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Makes outdoor eating lots more fun! A beautiful, modern piece of furniture designed for casual living. No more crawling over seats or crossbars . . . just walk-in and sit down! Non-tipping! Redwood . . . heavy, rust-resisting frame will last a lifetime. A tremendous buy at $24.95! Send check or money order (No C O D). Express charges collect. F. O. B. Birmingham. Shipped knocked down. Ala. residents add 3% sales tax.

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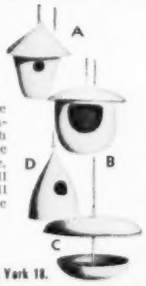
Tie plants with a twist! 150 ft. $1

Sail through this gardening chore in no time, with wire-center flat plastic tape to fasten plants and vines to stakes and fences. No tying is needed—just cut with scissors and twist! Soft vinyl Plas-Ties tape in pretty fadeproof green is waterproof and re-usable. It's flat—won't harm delicate plants. ⅛" wide. Bargain 150-foot roll is only $1.00 postpaid from Walter Drake & Sons, 505 Drake Bldg., Colorado Springs 2, Colorado.

CERAMIC BIRD SHELTERS
see half page color ad in this issue

Breathtaking beauty in bird shelters, created in weatherproof ceramics. Modern as tomorrow. Easy to clean, permanent colors never fade. Designed to attract your favorite feathered friends. Indoors, they make unusual planters and decorative conversation pieces. With brass fittings and nylon line for hanging. (A) Turquoise, (B) Yellow, (C) Brown . . . all bottoms Cinnamon. (D) all Yellow. **$3.95** each plus 50c postage.



LEW KANN
Dept. BH-5, 587 Seventh Ave., New York 18.

OUTDOOR COOKING IS EASY with *Better Homes & Gardens* New Barbecue Book. Only $2.50 ($2.95 in Canada) wherever books are sold or send check or money order to 7705 Meredith Bldg., Des Moines 3, Iowa.

YOUR OLD FUR COAT INTO NEW CAPE STOLE OR JACKET

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Let Morton's Remodel your Old worn coat for only . . . . . $22.95 Tax Free. Send for free stylebook of 34 gorgeous fashions we can make from outworn, old fur. Save over 50%. Write to World's 1st & Largest 1 Price Fur Service

MORTON'S, Dept. 14-E, Washington 4, D. C.

How to Have Thick, Rich
BROADLOOM
at Savings up to 1/2
. . by Sending Your Old Rugs, Clothing to the
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"I GUARANTEE to send you the Finest, Longest Wearing Rugs or Carpets You Ever Had for so Little Money." *Walter E. Olson, Pres.*

No matter where you live, write for beautiful, new, FREE Money-Saving Rug and Carpet Style Book in color. Learn how the old rugs, carpets, clothing are merged, sterilized, the valuable materials separated, bleached and reclaimed like new. The seasoned wools etc., are blended with choice NEW WOOLS, then redyed, respun into rug yarn, and woven within a week into extra heavy, deeper-textured new, Reversible Broadloom Rugs or wall-to-wall Carpeting, fine enough for any home. A 12 x 15 ft. weighs 77 lbs., not 50 or 55 lbs.

CHOICE of 44 patterns regardless of colors in your material, any width up to 18 ft., any length.

Solid Colors	Embossed Effects	Florals
Tweed Blends	Early American	Leaf, Scroll
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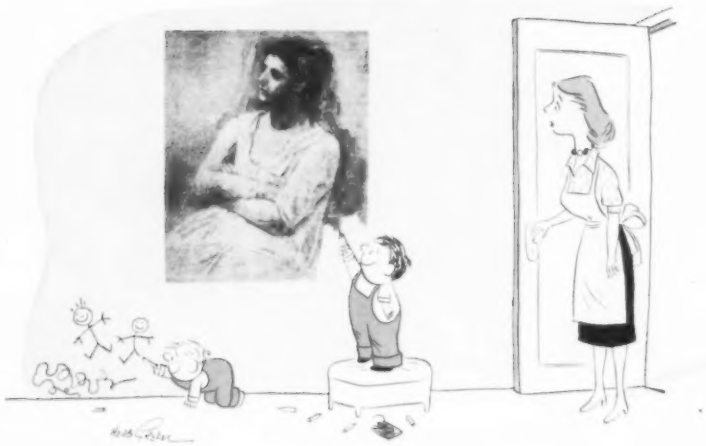

THE MAN NEXT DOOR®

Our young friends, the O'Reillys, longed for the country life. "City living's too hectic," protested Judy. They were going to find a "country" house, just right for commuting. We were surprised to see them return that evening exhausted. "The trouble with the American suburb," Judy explained, "is that everybody who dreamed of getting away from it all arrived at the same time."

With haircuts $2 in my town, my Christine is much more lenient about my long locks than she used to be. Her sewing scissors help stretch my interval 10 days or so.

If the old-fashioned family doctor has disappeared, perhaps it's because he's out looking for the old-fashioned family.

Jim Benson, just turned 15, still looks a little young to his Dad to be running around in a hot rod. But who can stop a legally eligible 15-year-old? Hal figured another way out. He bought a 1928 jalopy with a money-back guarantee from the used-car salesman that the boy couldn't get it running in less than two years.

Science at last has determined the completely safe time to criticize other people's children: when yours are grown.

Her history teacher asked my 10-year-old Babe why she should hate war, and Babe gave a logical answer—"Because war makes history."

I suppose every neighborhood has its "professional" hostess. Christine describes our hostess as a woman who invites a group over to meet her new dress.

Granny Blossom is the most privileged member of our congregation. Granny doesn't like pews, so every Sunday she brings her little rocker and somebody puts it right up front for her. She's been rocking through our services for 40 years. Jim McLain says he finds it right restful watching Granny during the sermon. "When she suddenly stops rocking," he says, "I know she's taken something the preacher said about sinners *personally*."

Gossip is a sound that goes in one ear and out the mouth.

"Father," asked young Gloria Bemis last week, "couldn't you buy us a house in a nicer part of town? Harry wants to marry me, but he doesn't like this neighborhood."

Our mistakes often gather momentum as they gather age. "I lived it up," laments my old college mate, trying valiantly to reform. "Now I can't live it down."

For a minute there, I thought our 16-year-old Rosie was getting to be a homebody—but she was just being saucy when she said she was going to marry a man with a green thumb. Then added: the kind $20 bills stick to.

"Diplomacy," expounds my erudite nephew, "is saying 'Excuse me' to a prize fighter who steps on your foot."

"Where am I least likely to see signs telling me to go home?"

When his mother dented a fender, Burton, Jr. worked hard to smooth most of it out so I wouldn't scold her. I figured if they'd try to fool me like that, I could be tricky, too. So I just pretended I didn't see it.

Sam Garvey, who lives down the street, finally found out why our toaster wasn't working. Sam took it apart and put it together and, of course, had seven pieces left over. Now the darn thing works fine. "You see," says Sam, "they just make 'em with seven pieces too many."

May will linger longer in your heart if you—see to it that some of its flowers are given to some of the women in your family . . . listen with interest when your child reports on activity at school . . . change last year's hamburger and hotdog routine into more glamorous, more delicious shish-ka-bob cookouts . . . feed the family cat heavily, so she will have negligible interest in raiding birds' nests . . . be patient with any teen-agers who, seemingly, go completely off their rockers in romance for a few weeks . . . switch from potatoes to salads, from fats to fruits, in order to slough off winter insulation and enjoy summer's warmth . . . sit with your retired dad at least one hour a week and ask his advice about running your business . . . ask, rather than arbitrarily tell, your family about summer vacation planning.

Burton Hillis

P. S. Ex-neighbor Bob Hannelly (now in Washington) writes that prospective passengers to the moon are already lining up.

Dear Burton: It's nice to get back to mundane matters after fooling around with the problems of outer space. They had me working with a recruiting agency for the moon express. We were supposed to pick the passengers for the initial hop. Code name of the project was: "Good Riddance." You'd be surprised how many people have a long list of folks they'd like sent to the moon.

One fellow sent us the names of six people, all in-laws, he wants sent to outer, or better yet, outest space. The White House nominated 60 characters, all Democrats, for the first permanent moon colony.

One man said the moon was in his blood—his great-grandfather came here in 1870 in the first immigration wave of little green men. Another man volunteered his wife.

The recruiting phone rang constantly last fall after a stock market break. The callers wanted to send the whole Republican party. One broker said he was tired of jumping out of windows. He said as long as he had to jump, he might as well make a big one—and free-load on Uncle Sam on the way.

Naturally most people from private life had to be turned down. Too many government officials must go. There's Customs, for instance. You couldn't ask the passengers, after a tiring journey, to rip their own luggage apart. The State Department must have a crew on the moon to continue its historic search for a foreign policy.

One perennial candidate for the presidency insists on being in the first space ship. He says there might be some office on the moon he'd like to run for. Congress needs a committee there to start investigating to fix the blame for the tardy arrival. An Internal Revenue agent must be on hand to pass out forms. So you see, the first 5:15 to the moon is pretty well filled up before it starts.

Sincerely,
Bob Hannelly

Take a close look at the carpet of tomorrow . . .

Sereneau, by

Karastan

AMERICA'S FINEST POWER LOOMED RUG

Tomorrow's broadloom texture is here today. It's Sereneau, by Karastan . . . this revolutionary weave with a hand-crafted look. There's new beauty in the shimmering pile . . . a unique combination of sheared and looped wool. There's new practicality in the pattern that hides footprints and soiling...wears superbly too. And a special Karaloc construction brings you that poured-on look, wall to wall . . . locks in each tuft so it can't pull out ever. Doesn't your décor deserve the broadloom of the future? Just $13.95 square yard.

KARASTAN RUG MILLS 295 FIFTH AVENUE, NEW YORK 16, NEW YORK. A DIVISION OF FIELDCREST MILLS, INC.

NEW TIDE

with RESERVE CLEANING POWER

...wonderful **extra** cleaning power to get your whole wash clean and fresh as an ocean breeze. What a beautiful sight when your wash is done! Everything, even problem wash comes out more than bright, more than white... really clean! So clean smelling, too...with a fresh air and sunshine cleanness you'll love. **Yes, the cleanest clean possible is new Tide clean!**